

The Texan

Newsletter of the Texas NTS CW Net (TEX)

**** See "TSN Corner" and "RN5 Corner" on the Last Pages ****

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Early TEX Frequency Change

Barring any problems with 40 meter use at 0000Z in the interim, we will change back to the winter frequency of 3541 KHz starting Sunday night, November 4, local. At that time, early TEX will meet at 0100Z. I have observed long skip on 40 at 0130Z (CAN) for the last couple of weeks, so I am pretty sure it will be in place by 0100Z when the time changes back to Central Standard. As I am sure all of you know, TEX (and all of NTS for that matter) will meet at the same local time following the return to standard time (except for Arizona, which stays on mountain standard time all year).

As of this writing, there has been no official notification of frequency changes for RN5 (early still on 7108 and late now 3567) or CAN (7052 at 8:30). PAN still is meeting on 7052 at 10:30 CT, but I believe that will soon change as well since there has been long skip for the last couple of weeks there and, as with CAN, some stations had to move to 80 to pass traffic.

NTS and the Simulated Emergency Test (SET)

As you "old timers" are aware, Cycle 4 of NTS (nighttime nets) has not participated to any great degree in the SET in recent years. Back in the 70's, when I was manager of the Southern California Net, we did have special sessions, as did the region and area nets, to test readiness and emergency power operation. We also supported AREC (now ARES) operations. With the implementation of Daytime NTS, as well as the proliferation of digital NTS, the need for Cycle 4 participation has dwindled to the point where it is no longer a popular SET activity.

Tom, WA4ZPZ, who was the Alabama Section Net manager (since resigned) attempted to have his section net active for SET this year, which took place the first weekend of October. He was very disappointed with performance and wrote an excellent summary of what occurred and what he believed was the NTS role in the test. The following are some excerpts from his report and point out some important lessons to be learned. The first part was taken from the ARRL documentation, as received from Tom:

The stated purpose of ARRL for SET this year was for all Amateur Communicators to focus on the emergency-communications capability within their community while interacting with National Traffic System (NTS) Nets.

The main function of the NTS in an emergency situation is to tie together all of the various local activities and to provide a means by which all traffic destined outside of a local area, section or region can be systematically relayed to the addressee.

Normal NTS Routing should be followed. A valid exception is the handling of emergency traffic that should be routed as rapidly and efficiently as possible, bypassing various levels of nets when delivery can be expedited. Another exception is when one station is loaded down with traffic for one region or section. At the discretion of the Net Control Station, the station may be directed to bypass a normal channel and go directly to a lower (or higher) echelon net.

The interface between NTS and Amateur Radio Emergency Service (ARES) lies in the liaison between local nets and other NTS nets, particularly at the section level. Responsibility for representation of the local network on the section net lies with the local net manager who may or may not be the Section Emergency Coordinator. Although we usually think of ARES members being the representatives in section nets, it is equally valid to expect NTS personnel to act as liaison to local nets.

Tom then goes on to describe the exercise held in Alabama by his net, which did not have a great deal of participation, much to his disappointment.

I was greatly saddened by his withdrawal as net manager of the Alabama CW Section net, but I can understand his discouragement with the entire system. A few points I would like to make, and most especially get some feedback from you who read this newsletter, are as follows:

1. SET is primarily concerned with ARES activities, since the majority of operation in a disaster situation is on a local scale, for which ARES is organized and tasked with handling.
2. The purpose of what we do in TEX, as a (multi) section NTS net is support the influx and outflow of traffic from the local areas we live in that is destined for other locations within Texas or, more commonly, destinations outside the state, reached via RN5, CAN, and the TCC system. This traffic is primarily of the Health and Welfare variety, i.e., inquiries about the status of friends and relatives in a local disaster area and information coming out of that area from those who have been impacted (or not) but do not have an easy method of communicating that information to the outside world due to local infrastructure failures (e.g., Internet and Telephone service).
3. There should indeed be close liaison between ARES members and at least a Local Net of the NTS. We do have that sort of liaison here in the DFW area, provided by the DFW Traffic Nets, which operate on 2 meters using local repeaters. Further, there is a tie-in with the TEX section net to and from the DFW nets provided by myself and Tom, W5DH, along with several DFW Net members, either by direct check-in (Tom) or digital traffic exchange (myself). ARES members are also DFW Traffic Net participants. To that extent, the ARRL "ideal" is achieved. However, I have come to the conclusion that the system and subsystems in place here are quite unusual.

4. The ARES is primarily responsible for setting up point-to-point communication channels (e.g., HF SSB links to the State Capital) for high-priority emergency and welfare traffic. NTS Digital also may participate in this activity, and the county ARES where I live maintains multiple Winlink 2000 RMS nodes on 2 meters, which I also use for exchange with the DFW Traffic Net.
5. The Daytime NTS system operating on SSB may also be of use, but unfortunately its operation has deteriorated even more than the Cycle 4 of which TEX is a part. The greatest asset for traffic movement within Texas (as well as neighboring states) appears to be independent nets such as the 7290 Traffic Net with which you are all familiar. They did, in fact, maintain special sessions during the day when the last Hurricane hit the Gulf Coast.

So where does that leave us on TEX? It depends on what effort you want to expend. Most of you on TEX participate in a worthwhile way, if not handling destination traffic for delivery, then providing NCS or RN5 / TTN / 7290 Net Liaisons. Those who live in sparsely populated areas are fairly limited to the latter. Are we "obsolete"? To many in the ARES (and, in fact, the ARRL leadership), the answer would seem to be "yes". In point of fact, we handle very little 3rd party traffic most of the time. Amateur to amateur traffic is used to keep the system "oiled" and provide training and refresher training. So our day-to-day operation would certainly not be viewed as providing much of a "public service". Yes, the public is welcome to use our facilities, but sending an E-mail is much easier and faster. Until the Internet goes down, that is, or until the cellular and land-line service is either overloaded or significantly disrupted.

So while we may seem to be a "dinosaur" floundering around in today's high-tech environment, we STILL provide the last ditch remaining communication medium when that disaster-prone high-tech set of systems becomes unusable. CW gets through where SSB does not have a chance in high noise, low power, or poor propagation conditions. And handling traffic on CW, by a skilled operator (as most of you are), is FAR faster than handling that same message on voice AND EVEN DIGITAL. The latter may surprise you, but I offer "proof" in a personal anecdote. One evening I was given 16 messages, all in one bunch, by Benny, K5KV, who brought them from CAN. I recall it took us around 20 minutes to handle all 16 of them, possibly a bit less. They were all for out-of-state locations, for which I needed to use Winlink 2K insertion into NTSD. In spite of using "copy and paste" techniques, it took me the next 45 minutes to prepare those messages and send them on to an NTSD node via digital transmission. That is more than twice as long as it took Benny to send them to me. I can't compare that with how long it would take on voice (either SSB or FM), but perhaps one of you who do both modes could give me some personal anecdotes. From my own past (and limited) experience, I know it takes ME longer to send a message on voice than on CW when speeds are reasonable (around 25-30 wpm), but probably not twice as long, depending on conditions and fills needed.

If you have interest in all of this, please send me your viewpoints and suggestions on how we might improve operations. Also, if you do not now have a tie-in with your local ARES group, see if that is something that you might be able to do, assuming you have the interest and time to pursue it. Just letting your SEC (or EC) know you are available, your capabilities, and how to reach you may be all that is necessary initially. Yes, most of us are getting a bit too old to be out in the fields slogging around with the ARES folks, but we can certainly help with comm links to and from them.

TEX Mailbox:

Have not received much in the way of feedback from TEX members. Mostly “business related” E-mails. I did hear from **Jim, N5NVP**, who is having some antenna problems and was forced to buy a new tuner, and from **Pat, KD5TXD**, who also suffered some antenna problems due to a strong storm that knocked down her G5RV and laid it on her trap dipole, putting both out of operation.

I did receive an interesting link from **Frank, W4DLZ**, about a “WebSDR” software receiver. You can “surf” the ham bands using this receiver from the comfort of your web browser. Really neat. Check it out at: <http://www.w4ax.com/> .

TEX Net Topics

There are some additional backup slots open (7 shown in **yellow**) but now only **1** open liaison slot (shown in **red**) thanks to Benny, K5KV, who has taken several of the late RN5 slots as well as Charlie’s Monday slots.

I moved myself from backup to assigned for Thursday late RN5 since I am the liaison to RN5 from CAN (where I’m also NCS and TCC Echo) and will be there anyway. If you are willing to take any of these open primary or any of the open backup slots, please let me know. Thanks to Randy, Benny, Pete, and Rodney, we have managed to cover all the RN5 sessions so far, but it is still thin, and vacations or other absences need those backup positions to be filled.

The TEX Duty Schedule and Roster are shown on the following page (for easier printing of a single page). NCS stations should have a copy of this handy both to remind you of your skeds and to easily look up names of stations you may not be familiar with. There were no changes to the roster since last month.

Statistics:

Traffic was way up and checkins were slightly up from August. Note that in spite of handling one additional (on average) message per session, net time decreased! Kudos to you NCS stations for running an efficient net. No RN5 slots were missed.

Benny, K5KV, had outstanding participation with 52 out of 60 (87%) taking first, followed by Randy, N5RL, in 2nd with 40 (67%). Rodney, W5DY, with 34 (57%) was again 3rd. Thanks to all of you who checked in for your support. It was a very good month.

We had only one Texas visitor to the net: Mark, K5GQ, in Houston. Nice to see Frank, W4DLZ, the RN5 manager visit us once as well as Jim, N0JL, the CAN manager. Dick, WA5CAV, also joined us a couple times from neighboring Louisiana.

The complete list of stations and traffic / liaison totals are shown in the table following the roster. Traffic averaged 4.2 per net session (3.2 last month). Net time averaged 12.1 minutes per session (compared to 12.9 last month). Check-ins averaged 5.3 per session (5.1 last month).

TEX CW Net Weekly Schedule

Local	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
NCS #1	W5GKH	N5RL	KD5TXD	KD5TXD	N5RL	K5KV	W5GKH
Backup	<i>Open</i>	W5ESE	W5DY	W5DY	W5DY	W5DY	W5CU
NCS #2	W5GKH	K6JT	W5TMO	W5TMO	K5KV	W5DY	W5GKH
Backup	K6JT	<i>Open</i>	K6JT	K6JT	K6JT	K6JT	W5CU
RN5 #1	K5KV	N5RL	W5CU	<i>Open</i>	N5RL	K5KV	W5CU
Backup	W5DY	<i>Open</i>	W5DY	<i>Open</i>	W5ESE	W5ESE	<i>Open</i>
RN5 #2	K5KV	K5KV	W5CU	K6JT	K6JT	K5KV	W5CU
Backup	W5DY	K6JT	K6JT	<i>Open</i>	W5DY	K6JT	<i>Open</i>

TEX/1: **7053**/3541/7108 at 19:00 local; TEX/2 **3541**/3643/1841 at 22:00 local

RN5/1: **7108**/3567 at 19:30; RN5/2: **3567**/7108 at 21:30 local

TSN: **3552** - 19:45 local; CAN: **7052**/7108/3552 - 20:30 local; PAN: **7052**/3552 - 22:30 local

RN5 Backup: W5CU, W5DY, W5ESE, K5GM, K6JT, K5KV, K5RG, N5RL

NCS Backup: W5CU, W5DY, W5ESE, K6JT, K5KV, K5RG, N5RL, W5TMO, KD5TXD

TEX Roster

Call	Name	Location / Notes	Call	Name	Location / Notes
N5BA	Brian	Houston	N7NET	Scott	McKinney
W5CU	Sam	Edmond OK	N5NVP	Jim	Scott LA
K5CZ	Ed	Temple	K5QOW	Gary	Reagan Wells
W5DH	Tom	Dallas	WA5MUF	Bill	Watauga
W4DLZ	Frank	Florida	W5OMR	Geoff	Houston
* W5DY	Rodney	Goliad	* K5RG	Ken	Houston
N5EL	Floyd	Temple	N5RL	Randy	San Antonio
* W5ESE	Scott	Dripping Springs	W5ROK	Steve	Richardson (K6JT)
W5GKH	Charlie	West Columbia	N0SSS	Adam	Oklaunion
K5GM	Pete	Austin	W5TMO	Mike	Austin
W9GVW	Eric	San Antonio	W5TV	Tom	Nacogdoches
AA5J	Lee	Arkansas	KD5TXD	Pat	Kingsville
K5JRN	Si	Austin	K5RDW	RD	Vilonia AR
* K6JT	Steve	Plano	W5UFK	Ken	College Station
KA5KLU	Doug	San Antonio	KS5V	Ed	Bulverde
* K5KV	Benny	Star	WB8WKQ	Jeff	Michigan
* W6LFB	Jim	Denton	* NK5Z	Tom	Conroe
WA5MS	Marty	Highland Village	W5ZD	Pat	Kingsville (KD5TXD)

* Capable of 160 meter operation

TEX Net Statistics (September 2012)

Call	Name	QNI	Total	NCS	RN5	TTN	DFW	TSN
WA5CAV	Dick	0	2					
	LA	2						
W4DLZ	Frank	0	1					
	Florida	1						
W5CU	Sam	7	19		6			
*		12			5			
W5DY	Rodney	16	34		3			
		18		4	2			
W5ESE	Scott	16	16					
*		0						
W5GKH	Charlie	8	16	8				
*		8		8				
K5GM	Pete	12	25		1			
*		13						
K5GQ	Mark	1	1					
	Houston	0						
W9GVW	Eric	6	6					
*		0						
N0JL	Jim	1	1					
*	IA	0						
K6JT	Steve	18	48	1			18	
*		30		4	19		30	
K5KV	Benny	23	52	6	12			
		29		5	3			
N5NVP	Jim	0	3					
		3						
W5OMR	Goeff	4	4			2		
	Houston	0						
K5QOW	Gary	12	12			9		
*		0						
K5RG	Ken	3	11					
*		8			1			
N5RL	Randy	22	40	6	8	12		
*		18				14		
W5TMO	Mike	1	17					
*		16		9				
KD5TXD	Pat	11	11	9				11
*		0						
Totals		319		60	60	37	48	11
				100%	100%	62%	80%	18%
QTC 1		89	253					
QTC 2		164			Sessions	60		
Time 1		332	728					
Time 2		396						

Operating:

With the return to standard time, it is possible we might experience some long skip on 80 meters once again. NCS stations be on the lookout for this. While we do have a 160 meter frequency designated for use, not enough of us have decent antennas for 160.

Remember that if there is long skip on 80, 40 will be even worse, so don't waste time sending stations there to try to pass traffic. The best recourse, when one is available, is to find a station far out from both of those who are to pass traffic but can't hear each other well enough and have that station act as a QNB (relay) between the two, first receiving the traffic from station 1 and then sending it to station 2. While that does take twice as long, it fills the need and makes us in tune with the ARRL's name - American Radio RELAY League.

Received the following from Richard, NF5B, thanks to forwards from Frank and Benny.

Greetings colleagues,
Occasionally these days I encounter various issues regarding messages sent with incomplete or improper address information, especially messages sent in response to bulk book messages.

There are a couple of things we as net managers and section traffic managers should keep in mind, and be sure that operators are aware of.

First and foremost, messages routed via NTSD require complete addressing. But, beyond that, originating a message in response to one of these messages and sending it with just the call sign of the recipient makes more work for somebody else. Originators who might not have lookup capability should alert the station to which they're sending such a message to the fact that they don't have complete address information. This gives the receiving station the option of refusing to go through the extra steps necessary to obtain it.

I've more than once had to go through the extra work of obtaining this information before I could move a message onward toward its destination. Yes, I have address info for most of the regular bulk book originators, but even doing the "cut and paste" before I can relay a message onward might be a step I don't wish to take if handling traffic for relay on a busy net. I don't mind doing this lookup if the originating station doesn't have the capability, but I'd appreciate being asked first if I'm willing to do it.

It seems to me we need to do a better job of educating folks regarding this issue.

73, Richard, NF5B

Don't forget, you can get address information from the ARRL website by callsign lookup. At a minimum, the city, state, and zip code should be included. Phone numbers not a requirement for the bulk mailers. WB5NKD is an exception, at least for us here. Just the call is enough.

Until next month, 73,
Steve K6JT

(TSN Corner starts on the next page)



TSN Corner

Texas Slow Net (Daily) 1945 CT 3552.0 KHz +/- QRM
http://www.atcweb.com/tsn/Texas_Slow_Net.htm
 Pat Allison KD5TXD (pja@atcweb.com)
 TSN Net Manager

The telegraph key image is courtesy of FCIT

Greetings from the Wild Horse Desert – home of your TSN Manager

TSN made it through another month. Thanks to the TEX folks who stopped by on September 21st and gave KD5MMM a thrill with six checkins. Phil was very pleased to have so many folks check in on his net. Come give us some more practice when ever you can.

I am holding back some exciting TSN news for the next newsletter. We have had some interesting visitors already in October.

The evenings that I am over at the University I have been calling TSN from the W5ZD radio station. The fellows were tinkering with the 80 meter antenna again and it is working a little bit better. I am counting on KB5TCH and KD5MMM to let me know if the signal quality falls. Right now it is pretty good. Band conditions at that time of night are getting better and I am hearing our distant WD0ESF in Kansas a little better.

If you have time and are interested in helping us out, please drop me an e-mail at pja@atcweb.com . We really need someone who can call the net on Tuesday. And it would be above and beyond the call of duty if someone could help with sending the training lessons. Thanks to all!!

September 2012 TSN Roster

Call	Name	City	ST	Call	Name	City	ST
K5AVJ	Lynn	Abilene	TX	KD5MMM	Phil	Fentress	TX
WA4BAM	John	Miami	FL	WB5NKC	Arley	Oklahoma City	OK
AB0DK	Dave	Kirksville	MO	WB5NKD	Pat	Oklahoma City	OK
W5DPT	Louis	Deer Park	TX	N5NVP	Jim	Scott	LA
W5DY	Rodney	Goliad	TX	K5OAI	Sam	San Angelo	TX
W5ESE	Scott	Dripping Springs	TX	N4OLN	Gary	Conyers	GA
WD0ESF	Mike	Medicine Lodge	KS	K9PUI	Dick		IN
AG9G	Dwight		WI	K5QOW	Gary	Reagan Wells	TX
K5GM	Pete	Austin	TX	N5RL	Randy	San Antonio	TX
AA5J	Lee	Cabot	AR	KB5TCH	Carroll	Douglassville	TX
N0JL	Jim	Chillicothe	IA	KD5TXD, W5ZD	Pat	Kingsville	TX
K6JT	Steve	Plano	TX	W5TMO	Mike	Austin	TX
AA5JW	Carl	Stafford	TX	K4VIZ	Tom	Conway	AR
K5KV	Benny	Star	TX	W5VXI	Dave	Caddo Mills	TX
K5MDK	Mike	Plano	TX				

This is a great place to learn how to handle traffic on CW. If you are a voice net traffic handler this is a great addition to your amateur radio skill set. See you on the air!!

TSN Activity Report for September 2012

Total Sessions 30, Total Check-ins 71, Total Traffic 23 by 8 different operators.

September 2012 QNS

September	Callsign	Name	QTH	STATE
30	KB5TCH	Carroll	Douglassville	TX
15	KD5TXD, W5ZD	Pat	Kingsville	TX
8	KD5MMM	Phil	Fentress	TX
7	WD0ESF	Mike	Medicine Lodge	KS
5	W5DY	Rodney	Goliad	TX
4	W5VXI	Dave	Caddo Mills	TX
1	K5KV	Benny	Star	TX
1	W5TMO	Mike	Austin	TX

73!!

Pat KD5TXD

October 15, 2012

(RN5 Corner Starts on the next page)

RN5 Corner

Region Net 5 (Daily) 1930 CT on **7108** and 2130 CT on **3567** or 7108
Alternate Frequency 3567 (early) or 3598 when conditions warrant
Serving TX, OK, LA, AR, MS, TN, AL, and FL
Frank Thrash W4DLZ (W4DLZ@YAHOO.COM)
RN5 Net Manager

Hello again and welcome to the Eighth edition of the **RN5 Corner**.

First, as most of you know, the late session of RN5 has moved to its winter frequency of 3567 KHz (3598 during contests). We will keep using 7108 for the early session until the time changes (November 4 local) or until long skip prevents its use. Before that day, NCS stations are welcome to move the early net to 80 meters after sending an announcement on 40.

Speaking of NCS stations... A look at the duty roster will tell you we are sorely in need of some NCS's. CAN liaison stations have also thinned out even more. Can you spare one evening to take an NCS slot, early OR late OR both? CAN TX or RX (or both) one night per week would help tremendously. Unfortunately, Tom, WA4ZPZ, had to give up his slots due to antenna problems brought on by being "caught" with a forbidden antenna by the homeowner's association (CC&Rs there prohibit all antennas and even transmitters!). As a result, more holes have opened in the schedule. No assigned NCS on Monday and Thursday combined with four of the seven days with no CAN RX coverage and two days with no CAN TX coverage desperately need some more help.

My plea last month did indeed motivate three of you to start the net one night. Unfortunately, all 3 were on the air at the same time, calling the net on 3 separate frequencies due to QRM and long skip on 40. But that was GREAT as far as I am concerned, and I thank all of you for your initiative.

CANW Net Changes

The following was received from Richard, NF5B. I support CANW when I can, and some of you may also be interested. Richard says: "Again, thanks for your support of CANW ops. It's appreciated.

We could still use some more net controllers, but otherwise the move to 3845 has been beneficial, lots less congestion. The switch to 9:00 p.m. central also will help us better serve cycle 4 folks who miss outlets on their late region and/or section nets.

Be sure to point your ham colleagues to the following web site:

<http://msarct.wpusa.dynip.com/canw-web.htm>

73,
Richard Webb, NF5B

The Importance of CW and NTS

If you haven't read the article in the main part of the TEX newsletter concerning SET and NTS, I suggest you do so, as it is related to the following discussion.

You may not be aware that last week the U.S. Secretary of Defense, Leon Panetta, warned of a possible [cyber "Pearl Harbor" attack](#) on the U.S. He called attention to a new battle space: cyberspace.

While a lot of his speech focused on disruption of critical systems such as banking, transport control, power plants, cellular systems, etc., it was also evident that the Internet itself could be put out of operation by these attacks through such as viruses in major ISPs or denial of service via choking of the system with "super spam". If that occurs, Winlink 2K is practically useless, and while NTSD is capable of peer-to-peer communications via HF, without an Internet linkage it is also prone to communications failures in some nodes, potentially isolating large parts of the country.

If the phone system and Internet are disrupted, what does that leave? You guessed it, amateur radio, and in particular the classic National Traffic System as the ultimate communications backup system. That's why we keep it going. If anything, the threats against our infrastructure are becoming more real as time goes on. So don't give up. Failure to keep this eminently survivable system operational ultimately plays into the hands of our adversaries.

You can read more about Panetta's presentation at the following as well as other websites:

http://www.nytimes.com/2012/10/12/world/panetta-warns-of-dire-threat-of-cyberattack.html?pagewanted=all&_r=0

Thanks to ALL

Frank W4DLZ RN5/4 CW Net Mgr.

(See next page for Statistics, Duty and Net Rosters)

RN5 Duty Roster

Local	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
NCS #1	Open	W4DLZ	W5CU	Open	W4QAT	W4DLZ	K4VIZ
NCS #2	Open	W4DLZ	W5CU	Open	W4QAT	W4DLZ	K4VIZ
CAN TX	Open	Open	K4VIZ	K5KV	K4VIZ	K5KV	K5KV
CAN RX	Open	Open	Open	K6JT	Open	W4DLZ	W5CU
DRN5	Open	Open	K5RG	Open	Open	Open	Open

September 2012 Statistics

SESSIONS	59
QTC	178
QNI	402
QTR	812
CAN TX REP	91%
CAN RX REP	93%
DRN5 REP	32%

The following roster shows active stations coming to RN5 from their various states.

Region Net 5 Roster

Call	Name	State	Call	Name	State
W4AGL	JIM	FL	AA4HT	BOB	FL
K4AKC	TOM	AL	W8IM	DEAN	FL
WA5CAV	DICK	LA	WA5JAN	JIM	AR
W5CU	SAM	OK*	K6JT	STEVE	TX
AC5CW	ERIC	LA	KA5KLU	DOUG	TX
KO9D	BENNY	IN	K5KV	BENNY	TX
W4DLZ	FRANK	FL	WA5LQZ	ALAN	LA
K5DMC	JER	MS	K5MC	MICKEY	LA
WD4DNC	BARRY	FL	N5NVP	JIM	LA
AD4DO	JOHN	FL	K4PG	KEVIN	FL
W5DTR	CURT	IL	WA4PIZ	JIM	AL
K1DW	DALLAS	LA	W4QAT	PAT	AL
W5DY	RODNEY	TX	K5RG	KEN	TX
NY4E	BILL	FL	N5RL	RANDY	TX
W5ESE	SCOTT	TX	W4SQE	ANDY	TN
KJ4FDV	TREY	AL	W6SX	HANK	CA
KC4FL	JOHN	FL	K15T	WADE	LA
KA4FZI	PHYL	FL	K4VIZ	TOM	AR
W5GKH	CHARLIE	TX	K6YR	ROB	CA
K5GM	PETE	TX	WA4ZPZ	TOM	AL

* When W5CU is not present on Late RN5, OK traffic may be sent to the TX station

73, Frank W4DLZ