

# The Texan

Newsletter of the Texas CW Traffic Net (TEX)

**\*\* See "RN5 Corner" on the Last Pages \*\***

Net Manager: Position Open (W5DY silent key)

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September-October 24

## Early TEX and RN5 still on 40 (7106)

Although autumn has come, we continue to have decent conditions on 40 for early TEX and early RN5. We will continue to use 40 at least until the time change back to standard on November 3rd. Probably will need to change starting that day back to the normal 80 meter frequencies. That is up to the NCS stations. Similarly, CAN will stay on 40 until that date. This could change if there is a propagation problem before then. But with high sunspot activity still occurring, it is likely that 40 will remain open until later in the evening.

## Jack, W5TFB's Book

From a request received, I will continue with some more of W5TFB's book. Some interesting happenings with Sue's business and completion of Mae's problem with the principal and school. A little math theory to stretch your mind first. Continuing from the last excerpt:

We got there; no one was in the library. Sue turned on some lights, then we entered the glass cage and sat. I went to the board and on one side wrote, "If a number is divisible by 3 then so is the sum of its digits." On the other I wrote, "If the sum of the digits of a number is divisible by 3 then so is the number." I sat. "This is a problem Mae asked me about. Mae, please go to the board and explain your solution. Take your time, and remember you are among friends." "It's pretty long, and to explain it I have to go way back. First, the digits. A number  $abc$  is really  $c+10b+100a$ . If a number is divisible by 3, then the remainder in the division by 3 is 0, and the reverse is true also. The only possible remainders are 0, 1, and 2. If  $x$  leaves a remainder of  $n$  and  $y$  leaves a remainder of  $m$  then  $x + y$  leaves a remainder of  $n+m$ ,  $x \times y$  leaves a remainder  $n \times m$  except you may have to reduce this to one of the numbers 0, 1, or 2 by subtracting a multiple of 3. This works for as long a sum or product as you have. "Now 10 leaves a remainder of 1, and so all the powers of 10 do too. So  $abc$  leaves the same remainder as  $a + b + c$ . In particular, if  $abc$  is divisible by 3 the remainder is zero, so that the same is true of the sum of the digits. The steps are reversible, and this proves the theorem. It is obvious that it doesn't matter how many digits the number has. Any questions?"

Sue said, "No." I asked, "Is the number 123456789 divisible by 3? How about the number 918273645?" Mae said, "Yes to both." "Do you actually have to compute the sum of the digits?" "No, obviously not, although in this example the sum is 45. When any partial sum

is a multiple of 3, you can throw it away.”

I said, “I think 30 minutes is enough for the first time. Next time we start down a path which will show you how to drastically reduce the number of words you need to tell your proof. Do either of you have comments or questions?”

Mae asked, “Could we do this every day you aren’t busy. This is fun.”

“Yes, but I will be gone starting Sunday. I don’t know for how long. Also, never let this replace keeping up with school work. We are really just playing. Do you know I am a mathematician?”  
“Well, you seem to think like one.”

“The distinguished mathematician Paul Halmos defined a mathematician as a person society pays to play. And so today we did.”

Mae left. Sue didn’t say anything until the door was closed. Then she said, “How did she do it? What do you think?”

“To the first, she has a photographic memory for math stuff too. To the second, she has a ways to go to be as good as you were, but I didn’t give her free reign. Not that I controlled her, but I did want to see how she does on her feet. What do you think?”

“I don’t know. I couldn’t keep up with her. She has no idea that ‘obvious’ is not the same as ‘trivial.’ I know how much tedious work it is to prove two things she said are obvious.”

“Well, I was impressed. Let me tell you, verbatim, what happened earlier:”

“I have to prove that a number is divisible by 3 if and only the sum of its digits is. I believe it is true but don’t know how to get started.”

“Want a hint?” She nodded.

“What happens when you divide a power of ten by 3? What is the remainder?”

“With that I left.”

“Now, although I was not surprised, I was spellbound by her poise. She presented her proof in a clear way that her teacher, probably with some difficulty, can understand. That side of her, her obvious confidence with no hint of conceit, is rare. A few chess masters are mathematicians; any ability the two games share can’t be an accident. At one time Emanuel Lasker was the best player in the world, for 27 years. He was a mathematician, a student of Max Noether, Ph.D. 1900.”

I continued, “Ask me again after the 24 lessons. I have a feeling she is to be a mathematician. She seems to have a love for it, but she is just a child. She needs to be a child. You know I have my smudges, but dishonesty is not one of them. My advice regarding math is the same as for chess. Let her seek what she loves and support her in her failures. So few people love anything as real as either chess or mathematics.

“You love me.”

“Since when have you been real?” “Go to your room, you impudent whippersnapper! I may join you, or summon you, but I was serious about needing to think. It is not a rational problem at all, but I was grateful for the wonderful dinner and the math lesson.”

I kissed her. “Call if you need anything. I’ll leave my door open.”

I undressed and got in bed. I knew why I invited Sue to join us. Two parts: First, if I am right about the dilemma, then I wanted Sue to sell the business. Second, I wanted her to know these were genuine math lessons, not standard, but a lot like we did fifty- seven years ago. If I could just live long enough, those 24 lessons would introduce her to a large part of elementary modern algebra: finite fields and rings, elegant solutions of difficult problems, and most of elementary number theory. You know I would sneak a little analysis. If she took to it, the game plan would change.

I loved her metaphor, the one with the canyon and mountains. Everyone feels that who will become a mathematician. She visualized climbing the mountains. I think she just might.

Thursday 29 November

I woke up, looked at the clock, saw 645. I peeked in Sue’s room. Sue was sleeping soundly. I half dressed and went down to make coffee, so easy it wasn’t even a chore, and took mugs up, but not the pot. She had to be almost awake.

I sat in her chair and sipped coffee. I think it is better if you have to wait for the water to heat. Or maybe I’m just fighting the urge to install an almost boiling water dispenser.

Unless she had turned her alarm off it would ring in six minutes. I couldn’t think of any reason for her to wake up, so I turned it off (she hadn’t) and went back to my room. I would wake her up gently at 730 just in case she had business to do at 8. My brain had done some computing while asleep, and I knew I was right about the offer. The only thing I came up with that competed was Mae’s parents showing up and wanting her (Mae), but that didn’t fit anything other than the stress level. I did not believe Atlanta and yesterday’s business lunch were unrelated.

Sue was still asleep, on my side of her bed, so I took off my shoes and settled in beside her. Her back was to me, so I cuddled up next to her as gently as I could. She was still wearing the bi flannel gown. I let my right hand just rest on her tummy. Although I wasn’t sleepy I knew this would be a good time to sleep.

No, Sue was waking up, just a little. She said, “What time is it?” I told her it was about twenty to eight.

“Do you want coffee? There is some up here for you, I just need to warm it.” “OK.” I brought it. She was propped up in bed on pillows. The sun was streaming in through the east windows.

She smelled the coffee, then had a healthy drink. She said, “I need your input.”

“Then I need some data: garbage in, garbage out.”

“That’s just a cliché, not in your class, but true now. I have been offered roughly twice what my company is worth. I saw the check, certified, for half the sum, and the rest in negotiable bonds. It actually could be more than twice. The offer is for \$88 million, and I know it is just to get me out of the market. If I were young I wouldn’t even consider it, but even if I live another 40 years that is 4 mil a year I can spend and still be worth more than I am now at the end. And I don’t even want to live to be 110.

“I would have to give up the house, computer systems, and its furnishings except the books in the sitting room and library not related to work, and anything with sentimental value. They would honor the commitment to EPA and LFS. That is not a concession, they would have to. All my current employees would stay here at the same wage. They had no idea about the garden, so I suggested we reserve that ten acres for a garden for everyone, and continue Bert to tend it and Celia to tend to the office. I already had the papers to establish another nonprofit, with directors from food banks and welfare agencies near here. No one would fund my vegetable garden. I even had the papers ready to donate the 10 acres to the nonprofit. Now perhaps it will happen. They want me out so badly I think they will agree to anything.”

I said, “Let’s go downstairs. Mae will be up soon and need breakfast, although I know she is fully as capable as I at providing it. It is now I who must think.”

That was not really true. I had already been over all of the possibilities, and this is the one I thought most likely. The problem is: How to get Sue to consider moving? A number of arguments came to mind. She was going to have to buy her employee’s stock for cash. She would realize a capital gain of probably 48 million, and owe about 7 million in taxes now. Nevertheless, she would have 80 million, all in cash or negotiable paper. I asked her, “What would your cost basis be on the paper? Tell me all about that.”

“It is all over the place. My accountant has a complete list of everything, and my broker will figure it out. I was told the 44 mil is the current market value of the portfolio. But most of it is not AAA bonds. I will probably owe considerable additional capital gains tax when I sell the paper. I’m not really worried about the risk, which just means the return will be higher. “I will probably hold the bonds until they mature. I can’t spend 4 mil a year. You know I get what I want but don’t waste money. I own a 28 year old car which is well maintained and has only 84 K miles on it. Maintenance has never been as much as \$160 a year, counting the oil change every July. When I have to travel for business I fly and rent cars, which is paid for by the company.

“If I drove much I would probably buy a Lexus. Marie would love to have the Z, but she is not going to be here for long, and I’m not going to let her change what I decide.”

“You haven’t decided anything yet?”

“You could say I’m leaning toward accepting the offer, renting here while building somewhere else. It’s not the money, it’s the business, which is not as much fun since you came back into my life. I have had meetings with the board, and the CEO, department heads, and assistants. We have worked out a plan to compensate those who want to leave with six month’s severance pay. Even if everyone took it that would be less than 6 million, and would be a nice tax deduction for me.”

“Where would somewhere else be?”

“You have six acres in a nice subdivision. That might be somewhere.”

“I love it there. You could build a more conventional house not so far from the road. The upper scale houses are selling for right at half a million. You couldn’t duplicate what you have done here but you could come close. It would probably cost no more than two million. That buys a lot of house. With the finest furnishings and 5000 square feet, \$400 a square foot. I doubt if you would need that much house. “

“As an alternative you could purchase land near there. There is a ten acre tract adjoining mine with a small barn and about five cleared fenced acres for a horse or garden. It was on the market ten years ago but didn’t sell. Land is expensive, about 40 K an acre, but that is a one-time expense. Anyway you are going to have so much money you couldn’t spend the income on it if you tried. If, after everything, you end up with only 75 million, and invest that at 6%, you will earn 3.6 mil a year after taxes, 300 K a month, ten thousand a day, without touching the 75 mil. And you can earn more than that taking some risk, but little long-term risk.”

“I’m really weary of this two story house, half a mile from bedroom to kitchen. I’m sure I could do with 1500 square feet.”

“It isn’t that far to the kitchen, but I know what you mean. A fine house that size would be about \$850 K furnished, even if you still like Danish. Less than three months income.”

Mae came in, looking sleepy. I asked her about breakfast, and she said just toast. It was 825, so I got right on it. Sue didn’t want any, and I had eaten that fish at 7. Mae got the jelly and OJ and sat beside Sue. I brought the toast and slid in across from the women.

Mae said, “I have a question about the Nimzovich. No time now, maybe this afternoon. It arises in the Fischer-Uhlmann Stockholm Interzonal 1962 game.”

“I know that game. Do you know that Fischer was already the clear winner of the tournament when it was played?”

“No. I must run now.” That was true, it was 836.

When Mae was gone Sue asked, “How do you two do it?” “I don’t know. Practice and a feel for the game help, but I can’t remember when I couldn’t do it. I have been told I could play blindfold when I was seven. I know I can now, and so can Mae, better than I can.

“That game is a French defense game Uhlmann should have won, but it was a draw. I am an amateur expert on the French, and Mae is studying it hard now.” I was not sure there is such a thing as an amateur expert. Or an expert amateur.

I could tell Sue had left me and was somewhere else. She asked, “They actually blindfolded you?”

“No, that just means you can’t see the board. For example, on a walk after dinner Mae and I played a short game while just walking. On move four she told me I had a lost game. I didn’t see it until move 12.

“I believe it helps your game to practice that. It certainly improves your general short-term memory. I participated in a study of how short-term memory changes with age about four months ago just after my seventieth birthday. They said I scored higher than anyone else on the test, and was three standard deviations from the mean of the 65-75 group.

“I think it is as much bridge and gin rummy, but MRI6 scans show the same thing is going on in the brain when you play blindfold chess. They didn’t use my score in the statistical analyses, although I was mentioned in the paper, not by name.

“By the way, cultural memory (carry a little spiral notebook to write reminders) is both long and short term, but referring to notes is not permitted in these games. I find memory to be most useful when I cook, and before that when I taught math. There memory speeds you up, prevents errors in cooking, and builds confidence your students have in you. If I were to need to look in a book or notes when I work with Mae, don’t you think she would lose a little confidence in me, or else think what she was trying to learn was more difficult than I had advertised? The second would be a disaster.”

“I see your point. Marie has a notebook like that. I think she uses it to record school assignments.”

“When will you tell Mae? You know I won’t.”

“I was going to wait until I have decided and you have gone back to Texas.”

“I understand that. If she reacts badly, you might consider grief counseling. Your insurance will pay for it. I am awful at that. I don’t have the life experience and am probably untrainable.”

“It would be her insurance, but I agree. I meet with the broker and my accountant this morning, and should leave soon. I need to dress.”

I had nothing to say to that. The last time I wore a necktie was when I took her to a concert. That gave me at least two hours to make sure I really did remember the game, and to plan what I am going to do in case Mae wants a math lesson. I make notes, I just don’t take them to class with me.

Mae has probably gone over the game with the aid of Fritz, which has thousands of variations of the French in its ‘head,’ games played by the best human players. I can’t beat it when it uses its opening book, so I turn that feature off when just playing. In the last world computer tournament Fritz 5.3, running on a Pentium 4, beat Deeper Blue, running on a massively parallel computer. Blue had just defeated Kasparov in a match 3 1 – 2 1. And Mae surely has ten times that much computer—than the Pentium 4, not the supercomputer. As for the math lesson, the plan is to expose her to  $n \equiv m \pmod{p}$ . Before that, we will have to talk about relations; may not even get to congruencies for a few days. That is an easy to understand equivalence relation, probably will be the first one Mae has thought about other than equality.

I want to leave her with some homework to think about when I'm in Texas. The only homework worth doing is 'misplaced.' That is, the task is to solve a problem before the machinery to easily solve it has been developed. A good example is the problem she just solved. This teaching strategy is different from the usual school one, where homework is just repeated application of known facts and methods. Ten problems in which you multiply two three-digit numbers are not ten times as good as one. I want to give her just short of the tools needed to try, even unsuccessfully, to solve a problem. That way when the tools are exposed she will be more likely to understand and appreciate them.

I think it is completely different in an art such as cooking. Because measurements and temperatures are not precise and ingredients are not homogeneous, a lot depends on the feel, aroma, or taste of an intermediate product. For example, in making yeast bread, the relative humidity and temperature in the kitchen, and the moisture content of the flour and activity of the yeast, have at least as much to do with the outcome as careful measurements. The dough is right when it feels right. It is singularly difficult to explain this in words.

I was tired without having done anything, which is usually cured by a walk. I decided to go to that drugstore and just look around. I wasn't really seeing things when I was there with Sue. When I got there, inside I noticed a magazine section I had not seen before. I looked at the newspapers but saw none from New Iberia. I bought a Lafayette Star Telegram, I don't know why; I never read newspapers. I had no idea what a 'Star Telegram' was, but it was the only nearby newspaper. Actually, it was yesterday's. When I got back to the big house I went to the woods to read it. It had four sections, the usual global news, nearby news with homey stuff like cooking and gardening, classified, and sports. (There was a broad table of contents on the front page.)

I took out the second section and started there. This was on the first page in the lower left corner.

#### School Officials Held Without Bail

NEW IBERIA (AP) As a result of a six week FBI sting operation, New Iberia school Principal Frank Ziegler and Assistant Principal Stephen Wills have been transferred to Federal Prison in Baton Rouge. Ziegler is charged with 182 counts of injury to a child and Wills with 14 counts of sexual assault of a child. According to sources each is alleged to have videotaped their activities. Both men are federal fugitives using assumed names, having fled similar charges by a Tuscaloosa Alabama Middle School after being released on bail prior to trial. Their alleged use of assumed names to avoid prosecution is a violation of Federal and Louisiana statutes.

I clipped the article to show Mae later. That wasn't so bad, so I looked at the sports section. I was just looking for stuff like the funnies or maybe a bridge column when I saw it, on page 6.

#### Scholastic Chess Tournament Held

LAFAYETTE (Gary Leland) The Louisiana State Scholastic Chess Tournament was held Saturday and Sunday in the downtown Hilton. Over 300 K-12 students competed in the event, sponsored by the Lafayette Chess Club and the United States Chess Federation. Competition was divided into five sections by grade level. It was an open competition, with

entries from five states and Mexico. The overall winner was a previously unknown player from New Iberia, Marie 'Mae' Barber, 15, in the eleventh grade, playing in her first tournament. Barber swept the field, winning all five games including games with Texas speed chess champion Billy Harden from Spring, reigning Louisiana state champion Oscar Omole of Lafayette, and the strongest player in the tournament, five time Texas state champion Craig Cain of Dallas. Cain, who finished second, has attained the rank of master, and represented the United States on the Chess Olympiad Junior Team competition in Rio de Janeiro, Brazil. When asked why he lost, Cain said, "She played better than I did." Miss Barber could not be reached for comment.

Well. That's something. I clipped that article as well and put it with the other one in an envelope.

\*\*\* To Be Continued \*\*\*

### **TEX / RN5 Mailbox:**

Please send in your feedback, gripes, and suggestions. The mailbox had only a few inputs concerning TEX and RN5 for this newsletter other than normal net reporting business. Thanks to Jon, KZ5Z, for some more interesting info about his antennas.

As reported last issue, Randy, N5RL, had to go to the hospital at Brooke Army Medical Center due to an infection in his right leg. Turned out that he had to have the right leg, just below the knee, amputated. He went through some further work on the leg and went into rehab. They wouldn't release him until a way could be found for him to continue with his kidney dialysis 3 days a week.

After many more delays, he was finally released and returned home in early September. It was great to have him back on TEX for a while but on Sept 29, he wrote that he was back in the hospital at BAMC. This time not for his leg, but for another (unnamed) problem. As of Oct 7, it appears he has been able to return home and is again active on TEX and RN5. We are all very happy to have Randy back.

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From Jon, KZ5Z, Aug 15:

My 3 element yagi sits at the top of my tower around 73 feet up and is almost useless. I can make it work with an external tuner on 20 meters but I'm sure it is not working up to the level it should on 20, and 10 and 15 are unusable. I can't work on the traps without taking it down and that is not something I want to do alone anymore.

I'm planning on putting up an 80 meter inverted vee off the side of the tower at about the 70 foot level this fall. I'm waiting until I feel like climbing up there two or three times. Probably will do it when the weather is cooler. I have my 40M antenna out there at 50 feet off the side and it works great. Will have to run some new coax for the 80. Once done I can use the 80 on 20 meters. Not as good as the yagi but at least it should work and will be relatively high up. The antenna I use on the CW nets most of the time is ladder line fed and 150 feet long off my other tower at 50 feet. I have a trap antenna at 30 feet for backup but the ladder line antenna significantly out performs it. Those are here by the dining room where the icom 7300 is and that is where I normally do the CW nets. However I do have a QSK rig out at the main shack. It is an old TS 140 S Kenwood that still works ok. I bought a CW filter for it and it has



the QSK so I can use it for the nets out there on 40M, but my current 80M antenna out there is very low. It will be better when I get the new one up. Mostly I use the main shack for SSB nets since I have my amps out there and old tube final transceivers that are semi break-in. It was easy to work dx when the yagi was working but I'm not really interested in DX these days anyway. Spent most of my life traveling around the world so been to many of the DX locations already.

73, Jon KZ5Z

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From Jon, KZ5Z, Sept. 26:

Things have been busy lately with keeping the old cars and trucks running and sick animals to the vet plus stress test for my heart (I think I did well...going to doc tomorrow). I've been planning to put up another 80 meter antenna before the weather turns bad but just haven't had the time. This morning I finally climbed the tower to the 70 foot level and attached my support, pulley and rope. I just have some soldering to do and hopefully only one or two more trips up the tower to get the antenna raised, new coax installed and everything secured. Now that the pulley and support arm are up the rest should be fairly easy except for the climbing. I'm not as nimble as I once was but all worked out OK today.

As mentioned before, my yagi has been broken for months so I'm hoping to get this simple 80 inverted vee up at a 70 foot apex and use it on 80, 20 and 10 meters. I'm using my 40 meter inverted vee at 50 feet for 40 and 15 meters. The new antenna won't be as good as a yagi but at that height I'm hoping it works well. This will be out in the radio building so all will be the same here in the house with the 150 foot flat top at 50 feet fed with ladder line. But I'll have a great backup antenna for 80 now out in the main shack building. I have my amplifiers out there too, but unfortunately neither of them is QSK. I'll have to try the new antenna out on the 80 meter nets once I have it up and running. For now I can only admire the support bracket from the ground, hi. 73, Jon KZ5Z

Thank you, Jon, for some more interesting descriptions of your antennas and activity. Perhaps some others could share their antenna and operating location descriptions in future newsletters.

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## **TEX Net Topics**

The TEX Duty Schedule and Roster are shown below. If you are willing to take any of the open positions or want to change your assignment, please advise so the schedule may be updated. We are still missing primary coverage for 3 NCS, 2 RN5/1 and 1 RN5/2 slots. All of Randy's schedules are still shown in yellow until he is well enough and confirms he can handle them. Anyone who can help control the nets on the noted days, please do, and thanks in advance.

Thanks to those who accepted assignments as NCS and RN5 Liaison. If anyone else can manage to take any shown as Open or any of Randy's days please do so and also let me know to put you into the schedule table.

Early sessions are still on 40 meters along with CAN and WAN. Early TEX/RN5 are on 7106 due to regular digital QRM on 7108. Late sessions are on the regular 80 meter frequencies.

### TEX CW Net Weekly Schedule

Local	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
NC 1	Open	N5RL	Open	W9VE	N5RL	No Net	N5RL
Backup	Open	Open	N5RL	N5RL	Open	No Net	Open
NC 2	K5IX	K6JT	K6JT	K6JT	Open	No Net	KZ5Z
Backup	Open	Open	KZ5Z	KZ5Z	KZ5Z	No Net	Open
RN5 1	N5RL	KZ5Z	Open	KZ5Z	Open	No Net	KZ5Z
Backup	Open	Open	KZ5Z	Open	Open	No Net	Open
RN5 2	W5CU	K6JT	K5RG	K6JT	Open	No Net	KZ5Z
Backup	Open	KZ5Z	W5CU	KZ5Z	Open	No Net	Open
TTN/7290	Open	KZ5Z	Open	KZ5Z	Open	Nada	Open

TEX/1: **7106**/3541/3593 at 19:00 CT; TEX/2 **3541**/3593/1841 at 22:00 CT  
 RN5/1: **7106**/3567 at 19:30; RN5/2: **3567**/3598/7106 at 21:30 CT  
 CAN: **7052**/3590/3552/7106 - 20:30 CT; WAN: **7052**/3552 - 22:30 CT

RN5 Backup: K5RG, N5RL, KZ5Z, W5CU  
 NCS Backup: K5RG, N5RL, KZ5Z, W5CU, W5FEA, K5IX, W9VE

### TEX Roster

Call	Name	Location / Notes	Call	Name	Location / Notes
KW5AS	Skip	Victoria	* W6LFB	Jim	Denton
N5BA	Brian	Houston	WA5MS	Marty	Argyle
WA5CAV	Dick	Pineville LA	NM5M	Eric	Plano
W5CU	Sam	Edmond OK, /0 CO	N7NET	Scott	Crossett AR
N5CXX	Steve	Richardson (K6JT)	* KB5NJD	John	Duncanville
W5DAE	Don	San Angelo	W5OMR	Geoff	San Antonio
W5ESE	Scott	Dripping Springs	* K5RG	Ken	Houston
* W5FEA	Jim	Graham	N5RL	Randy	San Antonio
K5GM	Pete	Tennessee	KD5RQB	Jason	Atlanta
KM0I	John	Hattiesburg MS	KD5TXD	Pat	Kingsville
KA9IKK	Bill	Katy	W9VE	Don	Dallas
* K5IX	Dave	Brackettville/Del Rio	WB5VIH	Dave	Merkel
K5JFB	Jim	Fort Worth	NA5YO	Doug	Palacios
K6JT	Steve	Plano	KZ5Z	Jon	Springer OK

Call	Name	Location / Notes	Call	Name	Location / Notes
* K5KV	Benny	Star	W0ZV	Tom	Missouri

\* Capable of 160 meter operation

## Statistics:

### August 2024:

Don, W5DAE, was first with 48 (92%), Jon, KZ5Z, was second with 47 (90%), and Dave, K5IX, was third with 17 (33%). Thanks again to all who checked in.

Visitors: AC5P, Mike in OK; also Jack, K5WNU, an RN5 regular, from MS

The complete list of stations and traffic / liaison totals are shown in the following table. Note there were 50 sessions reported out of a possible 50 (no Saturday nets). Traffic averaged 0.92 per net session (0.45 last month). Net time averaged 7.1 minutes per session (6.6 last month). Check-ins averaged 3.5 per session (3.2 last month).

### TEX Net Statistics (August 2024)

Call	Name	QNI	Total	NCS	RN5	TTN	DFW
W5CU	Sam	9	11	1	2		
*		2					
W5DAE	Don	24	48				
		24					
W5FEA	Jim	1	13				
*		12					
K5IX	Dave	11	17	2			
		6		4			
K6JT	Steve	0	14				
*		14		14	9		14
K5KV	Benny	0	1				
		1					
AC5P	Mike	1	1				
	OK	0					
K5RG	Ken	0	5				
*		5			5		
W0ZV	Tom	15	15				
	MO	0					
W9VE	Don	10	10	6			10
		0					
K5WNU	Jack	1	1				
	MS	0					
KZ5Z	Jon	21	47	16	21	4	
	OK	26		9	13	7	
Totals		183		52	50	11	24
				96%	93%	20%	44%

Call	Name	QNI	Total	NCS	RN5	TTN	DFW
QTC 1		6	48				
QTC 2		42		Sessions:	54		
Time 1		184	371				
Time 2		187					

### September 2024:

Don, W5DAE, was 1<sup>st</sup> with 48 (96%), Jon, KZ5Z, was 2<sup>nd</sup> with 45 (90%), and Randy, N5RL, was 3<sup>rd</sup> with 18 (36%). Sure good to have Randy back. Thanks again to all of you who checked in.

Visitors: AC5P, Mike in OK; NA5CW, Dave in Hockley, Jack, K5WNU in MS

The complete list of stations and traffic / liaison totals are shown in the following table. Note that there were 50 sessions reported out of a possible 50 (no Saturdays). Traffic averaged 0.94 per net session (0.92 last month). Net time averaged 7.7 minutes per session (7.1 last month). Check-ins averaged 3.8 per session (3.5 last month).

### TEX Net Statistics (Sept 2024)

Call	Name	QNI	Total	NCS	RN5	TTN	DFW
W5CU	Sam	7	8	2	3		
*		1		1	1		
NA5CW	Dave	2	2				
	Hockley	0					
W5DAE	Don	23	48				
		25		1			
W5FEA	Jim	1	6				
*		5					
K5IX	Dave	6	17				
		11		4			
K6JT	Steve	0	11				
*		11		11	7		11
AC5P	Mike	1	1				
	OK	0					
K5RG	Ken	0	4				
*		4			4		
N5RL	Randy	11	18				
*		7					
W0ZV	Tom	18	18				
	MO	0					
W9VE	Don	10	10	4			10
		0					
K5WNU	Jack	1	1				
	MS	0					
KZ5Z	Jon	22	45	19	22	3	

	OK	23		8	12	1	
Totals		189		50	49	4	21
				100%	98%	8%	42%
QTC 1		24	47				
QTC 2		23		Sessions:		50	
Time 1		202	386				
Time 2		184					

## Operating:

TEX traffic and check-ins came up both months compared to the previous months. Propagation conditions were generally good. Thanks to those of you who continue to support TEX. We can really use some more traffic and more stations willing to take NCS and RN5 liaison slots.

As noted at the beginning of this newsletter, there are no plans to change back to 80 before the time change in November. We return to standard time on November 3. As usual, all nets continue to meet at the same local time (one hour later, UTC).

It is still the season for hurricanes, some of which can affect us in TEX. We have been pretty lucky this year with most storms going further east of us, although the Texas Gulf Coast has had some impacts. Keep alert for storm forecasts. Although TEX has rarely had to hold extra sessions, that is still possible if there is a need to handle priority traffic within the TEX main area. We have not participated in the Simulated Emergency Test for many years now and there are no plans to do so this year. With the small number of active check-ins, the purpose of TEX has been reduced to primarily interfacing with RN5 and the TTN & 7290 Nets.

Please try to get your net reports to me within a week of the sessions. E-mail them if you won't be on late TEX Tue/Wed/Thur (or late RN5 Tue/Thur) to send them when I am there. Also, Jon, KZ5Z, is on most nights and could take your reports to relay to me at the next opportunity. Thanks Jon, for all your help. It is difficult to find information at the end of the month for unreported nets that occurred weeks earlier. I enter the reports into my database a couple times a week.

Here are the composite reports for the last 2 months for traffic handled at the region and above levels. Traffic totals were a little higher both months, compared to the 2 previous months. Interesting the overall totals were nearly the same both months but CW/SSB and Digital totals were quite different.

### Central US Nets Activity for August 2024

Net	Sessions	QTC	QNI	QTR	Rate
Day 5 <sup>th</sup> Call Area	13	40	50	58	0.690
Day 9 <sup>th</sup> Call Area	13	134	85	78	1.718
Day 10 <sup>th</sup> Call Area	12	13	51	55	0.236

Net	Sessions	QTC	QNI	QTR	Rate
Night 5 <sup>th</sup> Call Area**	52	173	187	458	0.378
Night 9 <sup>th</sup> Call Area	48	389	148	323	1.204
Night 10 <sup>th</sup> Call Area	55	31	176	258	0.120
Day Central US	13	87	90	215	0.405
Night Central US @	31	509	167	340	1.497
Day Inter-Area Traffic	39	57	39		100%
Night Inter-Area Traffic	84	244	76*		90%
Total Voice/CW Nets		1677	993	1785	
DTN Digital			Received	Sent	
KE5YTA Central Area RN5		379	216	163	
N9VC Central Area 9RN/TEN		5064	2191	2873	
Digital Stations (12)		415	208	207	
Total DTN Digital		5858			
Total Central US		7535			
@ Manager resigned, nominations open. Composite from NCS reports received					
** Nominations open for manager - thanks to NCS stations for statistics					

### Central US Nets Activity for September 2024

Net	Sessions	QTC	QNI	QTR	Rate
Day 5 <sup>th</sup> Call Area	9	24	29	36	0.667
Day 9 <sup>th</sup> Call Area	13	157	79	83	1.892
Day 10 <sup>th</sup> Call Area	11	11	51	53	0.208
Night 5 <sup>th</sup> Call Area**	50	135	185	411	0.328
Night 9 <sup>th</sup> Call Area	46	286	152	302	0.947
Night 10 <sup>th</sup> Call Area	54	23	178	254	0.091
Day Central US	13	86	87	226	0.381
Night Central US @	30	435	164	360	1.208
Day Inter-Area Traffic	39	50	33		92%
Night Inter-Area Traffic	61	206	61		100%

Net	Sessions	QTC	QNI	QTR	Rate
Total Voice/CW Nets		1413	1019	1725	
DTN Digital			Received	Sent	
KE5YTA Central Area RN5		519	252	267	
N9VC Central Area 9RN/10RN		5353	2539	2814	
Digital Stations (12)		252	134	118	
Total DTN Digital		6124			
Total Central US		7537			
@ Manager resigned, nominations open. Composite from NCS reports received					
** Nominations open for manager, thanks to NC Stations for statistics					

**DTN Access:**

\$\$ KE5YTA Pactor 1800-0600 CT Mon, Tue, Wed thru Thursday 0600, Thursday 1800 to Mon 0600

(Off the air 0600 to 1800 Monday thru Thursday).

Center Frequencies: DTN 3591, 7103, and 14098; RMS Winlink 3.589 and 7.1024

N9VC Pactor + VARA 24/7 except when on HF Nets

Center Frequencies (both Pactor/VARA) 3591.9, 3593.9, 7102.4, 14110.4

Keep sending your TEX net reports and inputs for this Newsletter to me, either on the air via TEX or RN5, via Winlink, or via standard Email.

Wishing everyone Good Health and a Happy Autumn and Thanksgiving.

Until December, 73, Steve K6JT  
TEX Newsletter Editor and Statistician

## **RN5 Corner**

RRI Fifth Call Area Net (Daily) 1930 CT on **7106** and 2130 CT on **3567**  
Alternate Frequency 3598 when conditions warrant  
*Serving TX, OK, LA, AR, MS, TN, AL, and NFL*  
Nominations are still open for Net Manager

Hello all and welcome to Edition 98 of the ***RN5 Corner***.

Thanks again to those who support RN5 and especially to the NCS stations for their reports. All sessions were covered and reported in September (other than Saturdays, which remain optional). 2 reports were missing in August.

Jack K5WNU, is back in service although he is sometimes absent due to taking his wife for treatment (she just got out of the hospital, too). Jack reported he will be on to help as much as he can.

Jon continues to either check in or control nearly every RN5 session. Sam, W5CU, helps by bringing traffic from CAN. Sam just returned from Colorado. Sam and Jon are the only ones who take outgoing RN5 traffic to CAN. We need more help with CAN liaisons.

Here is a list of the stations sending NC reports for August and September (in order from earliest date station first reported that month). Thanks to everyone for supporting RN5. NCS slots are again covered with Jack's return. There are many empty CAN liaison slots, though.

August: W5CU 11, KZ5Z 26, K6JT 9, W8IM 1, K5WNU 5  
September: W5CU 10, KZ5Z 27, K5WNU 6, K6JT 7

Dick, WA5CAV, is on many sessions. Dick, if nobody calls up the net, please send me a note of zero checkins for that session and date. Will list you as NCS. Thanks.

Thanks to all for your support of RN5, especially regulars WA5CAV, W5CU, KZ5Z, K6JT, and K5RG. John KC4FL, Dean W8IM, and Ben KZ8Q, also check in from FL some nights. Dean has checked in many nights on the early session on 40, and just reported minimal damage to his place after hurricane Milton. Good to see Randy, N5RL, starting to check in again.

Please continue to pass AR traffic to the TEX liaison station to take to the 7290 Traffic Net. If there is no TEX liaison, these may be sent to the 7290 Traffic Net manager, KA5AZK at Winlink dot org (also see below for subject line restrictions). OK traffic can be sent to Jon, KZ5Z. Jon also checks into TEX so TX traffic can be sent to him if no other TEX liaison.

TN traffic can be sent to Jim, WA4VGZ, who is the manager of daytime RN5 and located in TN. Use WA4VGZ@Winlink.org. For Winlink addresses via E-mail, be sure to put //WL2K as the first 7 letters (including space) in the subject line. AL traffic can be handled by sending it to Don, WV5Q@Winlink.org. Don is a digital traffic station located in MS, but he has connections with AL SSB nets for passing traffic.

(Schedule, statistics, and roster on the next page)



### RN5 Duty Roster

Local	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
NCS #1	K5WNU	K5WNU	W5CU	K5WNU	K5WNU	(No net)	KZ5Z
NCS #2	K5WNU	K6JT	W5CU	K6JT	K5WNU	(No net)	KZ5Z
CAN TX	Open	Open	W5CU	Open	Open	(No net)	Open
CAN RX	Open	Open	W5CU	K6JT	Open	(No net)	Open
DRN5	Open	K6JT	K5RG	K6JT	Open	(No net)	Open

K5WNU caring for wife at times, back for now

### 2024 Statistics

MONTH	August	September
SESSIONS	52	50
QTC	173	135
QNI	187	185
QTR	458	411
AVG QTC	3.3	2.7
AVG QNI	3.6	3.7
AVG QTR	8.8	8.2

The following roster shows stations coming to RN5 in the past 5 years and their states.

### Region Net 5 Roster

Call	Name	State	Call	Name	State
WB5BNV	FRED	MS	K6JT	STEVE	TX
WA5CAV	DICK	LA	WD5JTZ	MIKE	LA
W5CU	SAM	OK / CO	WB4LAL	IKE	AL
W4DLZ	FRANK	(SK)	KZ8Q	BEN	FL
W5DY	RODNEY	(SK)	K5RG	KEN	TX
W5FEA	JIM	TX	N5RL	RANDY	TX
KC4FL	JOHN	FL	K4VIZ	TOM	AR**
K5GM	PETE	TN	K5WNU	JACK	MS
W8IM	DEAN	FL	KZ5Z	JON	OK / (TX)

\*\* K4VIZ is only marginally active. Send AR to the TEX station for the 7290 net (do not use DRN5 since there is only an occasional AR liaison station there).

73, Steve K6JT  
 Newsletter editor and RN5 statistician