

# The Texan

Newsletter of the Texas NTS CW Net (TEX)

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

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April 2013



## 7290 Picnic on April 20

The annual 7290 Traffic Net picnic is coming soon after this newsletter is published. I have plans in place to travel to be there on Saturday, arriving some time before 1300. I debated about delaying this newsletter to include pictures, etc. from the picnic but decided it was already too late in the month and I'd better get it done first. Complete details are on the 7290 website at [http://www.7290trafficnet.org/\\_mgxroot/page\\_10812.html](http://www.7290trafficnet.org/_mgxroot/page_10812.html) .

## In Memoriam, Ed Larose, KS5V

We have lost another great traffic handler. As reported last month, Ed, KS5V, had serious health issues. He passed away much sooner than was originally expected. Randy, N5RL, who was a close friend, wrote the following biography for Ed. Thank you, Randy, we know it was not easy for you.



Ed was born in Babylon NY but raised in New Orleans. He then moved to the Houston area and graduated from humble high school. He was a veteran of the USAF and served in an electronic specialty. First licensed as WN5KNN in 1973, he left ham radio in 1975 but came back in 1980 with his dad who held calls N5CCB and KQ5P. Besides holding WN5KNN originally, Ed also held N5CCA, W5KNN, AE5ED, and KS5V over the years in ham radio. He spent 27 1/2 years working at the ham store (KCOM) in San Antonio where of course he was well known. Ed was a member of the elite A1 Operators club, an avid CW and digital operator, and spent many years participating in the National Traffic System. At various times he was a net control on TEX, TCC and region 5 rep, and active at the state/local level. Ed leaves his wife of 42 years, several children, grandchildren, and many friends around Texas.

(From K6JT): Additionally, I corresponded with Ed right after he was diagnosed with cancer. The following excerpts show what a great man he was and how he faced the end with grace and acceptance.

Message 1, March 8, 2013: "I had been having stomach problems as far back as Dec. I was fighting the pain for a couple of weeks thinking maybe I had diverticulitis as my intestines show severe diverticulosis. I got to thinking about it and went and studied the internet and realized that I was having gall bladder problems. A bit later, I couldn't stand it anymore and went to the emergency room. My problem turned out to be a clogged bile duct due to inflammation. They said it was pretty ugly looking and some of the lymph glands in the area were swollen. I now know that it is cancer of the bile duct, inoperable due to stage 4 having spread to the lymph glands and some to my hip and some to the spine. It is a rather rare form of cancer and incurable. With no treatment they give me a year or so. Guess it's gonna be an interesting year. Time will March on and the Lord will take care."

Message 2, March 9, 2013, in response to my urging him to obtain treatment including chemotherapy: "I didn't mean to indicate they could not or would not do chemotherapy. They probably will. I will be consulting with the chemo folks soon. I haven't looked into any other treatment with another source. I literally just found out. Thanks for the advice. I'll certainly consider it. I am working with the VA right now. I don't have any insurance and not a lot of money. Oh well, not worried. Time's not on my side no doubt. There comes a time to die for all of us to pass on. We shall see. Thanks and 73, Ed."

Ed passed away less than a month later after the cancer had rapidly spread to other parts of his body. As Randy wrote on April 8, "It is with a great deal of sorrow that I let you know that Ed Larose, KS5V, passed away early this morning after a short battle with cancer. His suffering has ended. His warm voice and melodious CW will no longer be heard on the airwaves and I for one mourn the loss of not only a close friend but one of the best radio ops I have ever known. He will be missed by many. Please keep his family in your prayers and thoughts.

73 de Randy, N5RL

*May his soul rest in peace, and the Lord's perpetual light shine upon him. Amen.*

### **George Hart Series**

Instead of offering the 5th in George Hart's series this month, we pause to pay homage to the Father of NTS, who passed away March 24. Here is his obituary from the Hartford Courant newspaper, as forwarded by Steve Ewald, WV1X, the Field Organization Supervisor at ARRL.



George Hart (W1NJM) 99, of Newington, died on Sunday (March 24, 2013). He was the loving husband of the late Louise (Stebbins) Hart, for 64 years. George was born on November 1, 1913 in Easton, PA., son of Dr. Edward Hart and Anna Marasco Hart. He was a graduate of Penn State University in 1936 and earned an advanced master's degree in 1939. George worked at the American Radio Relay League (ARRL) and was a charter member. He was the chief developer of the National Traffic System (NTS). He served in the Army Air Force during World War II, returning to his job as a Communications Assistant at ARRL Headquarters. During his

32 year tenure at the League, George served as Communications Assistant, National

Emergency Coordinator and ultimately as Communications Manager from 1967 until his retirement in 1978.

In 2009, the ARRL Board of Directors created the George Hart Distinguished Service Award. He was a member of the ARRL A-1 Operator Club, the Quarter Century Wireless Association and the Newington Amateur Radio League, which he helped create in 1946 and for which he served as its first president. He was inducted into the CQ Hall of Fame in 2010 for his contributions to the NTS.

George was a Newington resident for 66 years. George was predeceased by his wife, Louise Hart; and his son, Dennis Hart, of Newington. He is survived by his son Dr. Frederick Hart of Jefferson, MA; his daughter-in-law, Angela Bellantoni of Newington; six grandchildren: Dr. Kimberly Hart, Adam Hart, Nicol Sheppard, Ryan Hart, Eric Hart and Carina Hart; and eight great-grandchildren. The family would like to recognize the devoted care given to George at Avery Heights Nursing Home.

A memorial service will be held at West Meadow Cemetery Chapel, 697 Willard Avenue, Newington, on Saturday, April 20 at 11 a.m. To leave a condolence message, please visit [www.newingtonmemorial.com](http://www.newingtonmemorial.com).

### **Summer Frequencies**

Early TEX has moved to 7053 KHz for the summer. Backup is still 3541 and late TEX remains on 3541. RN5 has also moved the early session to 7108 KHz, late session remains on 3567. CAN has mostly moved to 7052 KHz, although the net manager leaves it up to the individual NCS. Finally, PAN has moved to 7052 KHz.

#### **TEX Mailbox:**

**Jim, N9VC**, the manager of the Central Area Net, cycle 2, responded to my comment last month in the Operating section that on CW we just send "QSL", with no message number while on voice "standard procedure" was to say "roger message number x". Jim wrote:

"Not sure where you get the idea on voice that the words, Roger Message Number is the normal practice. A roger on voice is the same as on CW. Bad practices should not be construed as normal."

Sure enough, I checked the NTS Methods and Practices Guide and found the following:

#### **2.1.4.11 ROGER**

Receiving station acknowledgment of message(s) copied. It is not necessary to repeat message number(s) or other parts. ("MESSAGE(s) RECEIVED", "BOOK OF (#) RECEIVED", are in wide use. For the sake of brevity and efficiency ROGER is the preferred method. ROGER, meaning received-understood, implies all messages were received.)

Roger means "received and understood". It does NOT mean "yes" or "affirmative".

So thanks to Jim for setting us straight on this. CW / Voice - no repeat back of the message number is the correct method. Of course, habits are hard to break...

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Received the following from **Marcia, KW1U**, who is the Eastern Area NTS Staff Chair.

Some of you have probably seen NTS messages coming out of Germany. A ham in Great Britain and another in Germany have each approached me regarding the sending and receiving of routine third party messages between their countries and the US. Traditionally most other countries have not seen the value of routine traffic and its usefulness for training should an emergency arise. In this world of global communications this could turn out to be a valuable resource.. However as you know the FCC has prohibited third party messages between countries where there is no third party agreement. I checked Part 97 of the FCC rules regarding third party traffic and have quoted it here:

§ 97.115 Third party communications.

(a) An amateur station may transmit messages for a third party to:

(1) Any station within the jurisdiction of the United States.

(2) Any station within the jurisdiction of any foreign government when transmitting emergency or disaster relief communications and any station within the jurisdiction of any foreign government whose administration has made arrangements with the United States to allow amateur stations to be used for transmitting international communications on behalf of third parties. No station shall transmit messages for a third party to any station within the jurisdiction of any foreign government whose administration has not made such an arrangement. This prohibition does not apply to a message for any third party who is eligible to be a control operator of the station.

Note the last sentence stating that this prohibition does not apply to a message for any third party who is eligible to be a control operator of the station. This appears to permit ham to ham traffic provided the recipient has the license class to be eligible to communicate directly with the sending station over the air as a control operator. I have informed the DL station in Germany, and it appears messages he has been sending have been to hams in the US with whom he has made on-the-air contact. Other messages must be evaluated on the basis of the above FCC rule. Anyone asked to accept a message from Germany or any other country where there is no third party agreement must evaluate on the basis of the above rule whether they wish to accept the message.

To anyone wishing to send similar traffic to other countries, remember not only the above rule, but also that there must be an outlet, an amateur willing to accept routine traffic for delivery, which at this time does not generally exist.

73, Marcia KW1U

EAS Chair

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On a related item, received the following from **Gary, KB0OFD**, forwarded from **Dave, WB2FTX**, the EADC: Many traffic handlers have received radiogram traffic from Peter DL4FN. The service instructions are in an OP NOTE which says service to DL4FN@WB2FTX. Since these were mainly going to be handled via NTSD I thought that was sufficient, but I have already had numerous emails on the topic.

So the alternate route is to just send the radiogram to me, WB2FTX. If you do it digitally you can address the radiogram to my station either WB2FTX@WB2FTX or in standard format of ST 07405@NTSNJ. Any service messages coming via the manual nets can simply be addressed to:

Dave WB2FTX  
Butler NJ 07405

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Heard from **Sam, N5AF**, who wrote: "Thank you very much for keeping me on the TEXAN mailing list. We cut down a " rotten-to-the-core " oak tree and had to take down my perfect SWR 80 meter dipole, and just haven't put the dipole back up yet. I will try and make some progress on this next week and re-join you soon.

73,

Sam Neal N5AF

*Looking forward to hearing you on TEX again, Sam.*

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**Pat, KD5TXD**, received an unexpected visit. She wrote: We had a treat here in the Wild Horse Desert. Rodney stopped by on his way to Brownsville for some kind of high brow golf training class. He visited for a while and we got to show him Charles' antenna-less tower. Charles explained in detail his plans for building a work platform around the tower since the so called tilt down tower doesn't tilt down. Rodney was polite and encouraging. I am making sure that the health insurance is paid up to date.

We have the cows out in the 40 acres where the house is so we are keeping the front gate closed. I ran out with the gate clicker when Rodney called on 2 meters that he was within sight. As he was pulling out to leave for Brownsville I opened the gate for him to pull his truck through. He leaned out the window and mentioned that he saw the pile of antenna parts down by the barn and the tire tracks through the dry grass. Y'all probably think I make up all these goofie stories, but Rodney is my witness now that there is more reality here in the Wild Horse Desert than on TV. 73!! Pat KD5TXD

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**Scott, N7NET**, wrote: The Police Radio Telegraph Network story published in the April 2013 QNI caught my interest.

When I was the Publicity Coordinator for Oregon Army MARS our net schedule followed that of Missouri Army MARS twice a week, using the same frequency. After we'd passed our Oregon traffic the frequency then went to free-time for the remainder of Oregon's hour. During those free-times I formed a friendship with one of Missouri's operators.

My call was AAR0CM. I truly regret that this fellow's name, amateur call and MARS call have all escaped me. All I remember is a double SS in his MARS call. This fellow hung around and after we'd gone to free time he often called me on CW and we chatted until our NCS closed the net.

During his days with the St. Louis Police Department he was the radio technician. He had scheduled times that he left his work bench and sent license plate numbers and other vital

information to Jefferson City via CW. At another scheduled time he copied the returning information he'd requested.

Apparently, the police departments, like the railroads, didn't completely trust the telephone system.

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Have exchanged several emails with **Kate, K6HTN**, who is the Los Angeles STM. Among other things, she asked me about a document on the Internet that she had found very useful when starting out in CW traffic nets. I looked it up and found a document titled "Quick and Dirty CW Netiquette", written by Alan, N5LF, back in the 1990's. Aside from the TEX frequency change, which I "patched" in the PDF file, it has a LOT of good information, so I have posted the patched version on the TEX website. You can see it via the link near the bottom of the TEX page entitled: CW Traffic Net Operating Guide. I looked up N5LF and found the call has been assigned to another person, so I suspect Alan has become a SK. An FCC lookup did not turn up anything.

Kate also pointed me to a YouTube video she made that is about an hour long. It is a "traffic school class" that was presented to the Los Angeles section traffic handlers a while ago. Looked very good to me. You can see it at:

<http://www.youtube.com/watch?v=4xP6dRvT4rM>

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Have you ever wanted to stretch out your wings and fly? Well, apparently we now have technology that allows us to do just that. Check it out on:

<http://player.vimeo.com/video/56534375>

And thanks to **Scott, W7IZ**, for forwarding the link.

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## **TEX Net Topics**

There are still 5 backup slots open (shown in **yellow**) and **1** open liaison slot (shown in **red**) in need of a station for Thursday early RN5. Thanks again to Rodney for filling in most Thursdays.

The TEX Duty Schedule and Roster are shown on the following page (for easier printing of a single page). NCS and liaison 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. Added K1PKZ since last month.

***If you are scheduled for an NCS or Liaison slot, and you cannot make it, if at all possible, please notify both K6JT and W5DY (see email addresses and cell phone number at top of page 1) as soon as you can before the net meeting so that the backups can be alerted.***

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### TEX CW Net Weekly Schedule

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

TEX/1: **7053**/ 7108 / 3541 at 19:00 CT; TEX/2 **3541**/3595/1841 at 22:00 CT

RN5/1: **7108**/3567 at 19:30; RN5/2: **3567**/3598/7108 at 21:30 CT

TSN: **3570** - 19:45 CT; CAN: **7052**/7108/3552/3595 - 20:30 CT; PAN: **7052**/3552 - 22:30 CT

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
W6CL	Carol	Tulsa OK	N5NVP	Jim	Scott LA
W5CU	Sam	Edmond OK	K5QOW	Gary	Reagan Wells
W5DH	Tom	Dallas	WA5MUF	Bill	Watauga
W4DLZ	Frank	Florida	W5OMR	Geoff	Houston
* W5DY	Rodney	Goliad	K1PKZ	Paul	Tom Bean
* W5ESE	Scott	Dripping Springs	* K5RG	Ken	Houston
W5FEA	Jim	Graham	N5RL	Randy	San Antonio
W5GKH	Charlie	West Columbia	W5ROK	Steve	Richardson (K6JT)
K5GM	Pete	Austin	W5TMO	Mike	Austin
W9GVW	Eric	San Antonio	W5TV	Tom	Nacogdoches
K5JRN	Si	Austin	KD5TXD	Pat	Kingsville
* K6JT	Steve	Plano	W5UFK	Ken	College Station
KA5KLU	Doug	San Antonio	KS5V	Ed	Silent Key
* K5KV	Benny	Star	WB8WKQ	Jeff	Michigan
* W6LFB	Jim	Denton	K6YBV	Bob	Placerville CA
WA5MS	Marty	Highland Village	W5ZD	Pat	Kingsville (KD5TXD)

\* Capable of 160 meter operation

## Statistics:

Traffic was slightly up, but checkins were down on a per-net basis compared to last month. No RN5 slots were missed.

Jim, W5FEA, with 61 out of 62 (98%) took first, Benny, K5KV, with 40 (65%) was second and Rodney, W5DY, with 36 (58%) was third. Thanks to all of you who checked in for your support.

We had several visitors to the net including Dick, WA5CAV from Louisiana, Ken, W7EKB, from Idaho, Robert, K5LYT, from Corpus Christi, Mike, AC5P, from Oklahoma, Rob, K1VA, from Arizona, Jeff, WB8WKQ, from Michigan, and (once again several times) Bob, K6YBV, from northern CA. Welcome to all and thanks!

The complete list of stations and traffic / liaison totals are shown in the following table. Traffic averaged 3.8 per net session (3.4 last month). Net time averaged 13.0 minutes per session (compared to 12.5 last month). Check-ins averaged 6.2 per session (6.8 last month).

**TEX Net Statistics (March 2013)**

Call	Name	QNI	Total	NCS	RN5	TTN	DFW	TSN
WA5CAV	Dick	0	1					
	LA	1						
W5CU	Sam	13	32		8			
*		19			6			
W5DH	Tom	4	4				4	
		0						
W5DY	Rodney	19	36	3	5			
		17		2	1			
W7EKB	Ken	0	2					
	ID	2						
W5ESE	Scott	17	17		1			
*		0						
W5FEA	Jim	30	61			3		
*		31				14		
W5GKH	Charlie	8	16	8				
*		8		8				
K5GM	Pete	6	14					
*		8			1			
W9GVW	Eric	1	1					
*		0						
K6JT	Steve	17	48	1	1		16	
*		31		7	12		30	
K5KV	Benny	20	40	4	10			
		20		5	12			
W6LFB	Jim	3	3					
*		0						
K5LYT	Robert	0	1					
	Corpus Ch.	1						
N5NVP	Jim	0	2					
		2						
AC5P	Mike	0	1					
	OK	1						
K1PKZ	Paul	5	5					
		0						
K5QOW	Gary	20	20			18		



Call	Name	QNI	Total	NCS	RN5	TTN	DFW	TSN
*		0						
K5RG	Ken	3	9		1			
*		6						
N5RL	Randy	13	28	4	5	5		
*		15				7		
W5TMO	Mike	0	17					
*		17		9				
KD5TXD	Pat	11	12	11				
*		1						
K1VA	Rob	0	1					
	AZ	1						
KS5V	Ed	2	4					
*		2						
WB8WKQ	Jeff	0	1					
	MI	1						
K6YBV	Bob	0	9					
	CA	9						
Totals		385		62	62	47	50	0
				100%	100%	76%	81%	0%
QTC 1		87	234					
QTC 2		147			Sessions	62		
Time 1		418	809					
Time 2		391						

### Operating:

See N9VC in the TEX Mailbox for the correction on (not) saying the message number when acknowledging receipt of a message. Just "QSL" on CW and just "Roger" on voice.

I wanted to be a Member at Large of the Central Area Staff because I knew there were many problems with NTS in our area. I have started to put together an analysis of all 3 branches of NTS in the Central Area, cycle 1/2, cycle 3/4, and NTS Digital. I am still gathering information about all the nets operating here including times and frequencies. If any of you want to know more about the structure of NTS, the document will also help you understand that. I have called it a "White Paper" after the example of papers written while working for Collins Radio Company years ago. White Papers were used to document Internal Research and Development as well as ongoing projects that were not fully funded.

As I said, it is still under development, but if you would like to take a look at a snapshot in time as of this writing, you can view the PDF version at:

<http://dl.dropboxusercontent.com/u/73013707/NTS%20Status.pdf>

If you have any feedback, by all means, let me know, particularly the missing information and suggestions for improvement. Note that this is the first step - documenting the current systems. The next step, which will be documented in section 6 of the White Paper, will hopefully help resolve some of the weaknesses or define workarounds for them.

Until next month, 73, Steve K6JT

(TSN Corner starts on the next page)



## TSN Corner

Texas Slow Net (Daily) 1945 CT 3570.0 KHz +/- QRM

Looking for new TSN Net Manager

*The telegraph key image is courtesy of FCIT*

### Greetings from the Wild Horse Desert - Home of KD5TXD

TSN held its own once again. Thanks to KB5TCH, who had 100% attendance, we were able to call the net every night in March. That is a check-in record to be proud of! There were only two nights where we didn't send a training lesson in March. Welcome to KK4HCF, Sam in Maryville, TN. Sam looks like he is going to be pretty regular with us. Unfortunately, Sam is in the skip area that I cannot hear at all. That makes TSN a great practice ground. We learn all the aspects of a real traffic net including relaying. Every station that checks in will be asked to make a net call. Carroll is in the right spot to hear and pick up Sam. We also had a visit by W7DML, Richard all the way up in Salt Lake City. Thanks and join us any time you can, Richard.

TSN still needs a new net manager. I am warming the spot for you so any time you want to sign your name on the dotted line to be net manager TSN is ready to welcome you.

If you have time and are interested in helping us out, please drop me an e-mail at [pja@atcweb.com](mailto:pja@atcweb.com). We have some available evenings if anyone would like to take on NCS duties. And it would be above and beyond the call of duty if someone could help with sending the training lessons. Thanks to all!!

### March 2013 TSN Roster

Call	Name	City	ST	Call	Name	City	ST
WA4BAM	John	Miami	FL	K5MDK	Mike	Plano	TX
AC5BE	Joe	Houston	TX	KD5MMM	Phil	Fentress	TX
KX5C	Ron	Silsbee	TX	WB5NKC	Arley	Oklahoma City	OK
W6CL	Carol	Tulsa	OK	N5NVP	Jim	Scott	LA
AB0DK	Dave	Kirksville	MO	K5OAI	Sam	San Angelo	TX
W7DML	Richard	Salt Lake City	UT	N4OLN	Gary	Conyers	GA
W5DPT	Louis	Deer Park	TX	K9PUI	Dick		IN
W5DY	Rodney	Goliad	TX	K5QOW	Gary	Reagan Wells	TX
W5ESE	Scott	Dripping Springs	TX	N5RL	Randy	San Antonio	TX
WD0ESF	Mike	Medicine Lodge	KS	KB5TCH	Carroll	Douglassville	TX
W5FEA	Jim	Graham	TX	KD5TXD, W5ZD	Pat	Kingsville	TX
AG9G	Dwight		WI	W5TMO	Mike	Austin	TX
KK4HCF	Sam	Maryville	TN	WB5UPS	Ron	Port Neches	TX
N0JL	Jim	Chillicothe	IA	K4VIZ	Tom	Conway	AR
K6JT	Steve	Plano	TX	W5VXI	Dave	Caddo Mills	TX
AA5JW	Carl	Stafford	TX	WB8WKQ	Jeff	Dryden	MI
K5KV	Benny	Star	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 March 2013

Total Sessions 31, Total Check-ins 100, Total Traffic 29 by 12 different operators.

#### March 2013 QNS

February	Callsign	Name	QTH	STATE
31	KB5TCH	Carroll	Douglassville	TX
19	KD5TXD, W5ZD	Pat	Kingsville	TX
14	WD0ESF	Mike	Medicine Lodge	KS
11	W5VXI	Dave	Caddo Mills	OK
8	KD5MMM	Phil	Fentress	TX
5	W6CL	Carol	Tulsa	OK
3	AC5BE	Joe	Houston	TX
3	KK4HCF	Sam	Maryville	TN
3	W5DY	Rodney	Goliad	TX
1	N5RL	Randy	San Antonio	TX
1	W5FEA	Jim	Graham	TX
1	W7DML	Richard	Salt Lake City	UT

**73!!**

**Pat KD5TXD**

**April 16, 2013**

(RN5 Corner Starts on the next page)

## **RN5 Corner**

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

Hello again and welcome to Edition 14 of the **RN5 Corner**.

Last month I talked about the havoc that solar flares could cause for our communications systems as well as power and other infrastructures. This month is a related article concerning the threat posed by a high altitude nuclear detonation, causing the same type of EMP, that could be set off by the tensions currently in place with North Korea.

If North Korea were to launch a preemptive nuclear attack on the United States, it could use a long-range missile to orbit a satellite over the South Pole, putting it in line to fly over Omaha, Neb., and explode it at a 300-mile altitude where U.S. Aegis anti-ballistic missile systems cannot reach, sources have told WND.

This would result in an EMP pulse that would destroy all solid-state equipment that is unprotected and disrupt the power grid and virtually all cell phone service for hundreds, if not over a thousand, miles from the detonation location.

See the following link for more information:

<http://www.wnd.com/2013/04/north-korean-emp-attack-unstoppable/>

We are in desperate need of CAN Tx and Rx stations on Mondays to support Ben, KZ8Q, who took over as NCS. Thanks to all of you who have been filling in on an as-available basis for CAN liaison.

Kudos to Steve, K6JT, who has taken on the task of analyzing the Central Area NTS. This is a very worthwhile effort and he is doing a great job as a new CAS Member-at-Large.

73,  
Frank W4DLZ, RN5/ 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	KZ8Q	W4DLZ	W5CU	WA4ZPZ	W4SU	W4DLZ	K4VIZ
NCS #2	KZ8Q	W4DLZ	W5CU	WA4ZPZ	W4SU	W4DLZ	K4VIZ
CAN TX	Open	WA4ZPZ	K4VIZ	Open	K5KV	K5KV	K5KV
CAN RX	Open	W4DLZ	Open	K6JT	Open	W4DLZ	W5CU
DRN5	Open	Open	K5RG	Open	Open	Open	Open

### March 2013 Statistics

SESSIONS	61
QTC	167
QNI	427
QTR	652
CAN TX REP	97%
CAN RX REP	98%
DRN5 / HBN REP	46%

The following updated roster shows active stations coming to RN5 and their sections.

### Region Net 5 Roster

Call	Name	Section	Call	Name	Section
W4AGL	JIM	FL	AA4HT	BOB	FL
K4AKC	TOM	AL	W8IM	DEAN	FL
WA4BAM	JOHN	FL	WA5JAN	JIM	AR
WA5CAV	DICK	LA	K6JT	STEVE	TX
W5CU	SAM	OK*	KA5KLU	DOUG	TX
AC5CW	ERIC	LA	K5KV	BENNY	TX
KO9D	BENNY	IN	K8KV	BEN	FL
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	KZ8Q	BEN	AL
K1DW	DALLAS	LA	K5RG	KEN	TX
W5DY	RODNEY	TX	N5RL	RANDY	TX
NY4E	BILL	FL	W4SQE	ANDY	TN
W5ESE	SCOTT	TX	W4SU	JERRY	AL
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