

# TRAFFIC CALL

May - June 2008 No. 296

Newsletter of the Ben White (W4PL) Memorial Nets founded 1938 by W4PL

Hit and Bounce Net - 8:30 AM Eastern 7042 kHz Hit and Bounce Slow Net - Daily 7:30 AM Eastern 3576 kHz



## A GREAT HBN AND TRAFFIC MAN JOINED SILENT KEYS

We lost a friend and compadre with recent passing of K2GCE. Bill was a promoter of both the OOTC and message handling. Many a day his traffic list was to Old Timers; followed by mail of an application for Old Old Timers Club to the recipient. Were you one of his targets? I was!

Bill was a WWII navy man like lots of HBNers and was ARRL Section Traffic Manager in NYC-LI Section in the eighties, from his QTH in Freeport, Long Island, NY. GB es ARUF Bill.

- W2MTA

## HBN Manager's Report

Greetings from Stony Ridge:

### Good news:

1. MARS has decided to reinstate CW nets after a 12-year absence. Army MARS Chief Carter is quoted by ARRL as saying: "If members want to add CW to their skills, the nets will be available for training." Sounds good to me!

2. The Dayton Hamvention booths that had anything to do with CW were VERY busy (compared to most other tables). Folks were putting down BIG bucks for fancy paddles and keyers. Every table that I saw selling CW-related stuff was surrounded by on-lookers and buyers. And, there were lots of folk asking questions about how to get started. The FISTS booth was also VERY busy all weekend. And, Ten-Tec was showing their new version of the Jupiter which has a special CW mode with lots of great features. For any of you who have a Jupiter, there will be an update chip for \$50 bucks coming out soon (probably by the time you read this) and the software will be available to update your Jupiter (free) even if you don't want to spend the money for the chip. It can't wait to see how my Jupiter will copy YOUR CW hi hi.

3. I still don't have a tower up (may be some time) so my signal is weak and my copy of others is less than great; but, I hope to have things fixed up by the time the snow flies. My property is so small that I don't have a lot of good antenna opportunities.

4. With vacations, sickness, and storms, we do NEED some folk to step up and be substitute net control stations! If you are willing to give it a try, please let me know. And, thanks to all our regular net control stations who have been so faithful and are picking up additional assignments!

Best wishes to all for a great summer!

73 Bob K3RC, NM

## 2008 TRAFFIC HANDLERS' PICNIC TO BE AT W2RU'S QTH

The 2008 event, which has in recent years been moving about in the northeast part of NTS Eastern Area, will be held this year at the QTH of longtime EAN Net Manager, Bud Hippisley, W2RU.

Bud lives at the midpoint, on the east side, of Fourth Lake in the Adirondacks in Central New York, north of Old Forge NY [FN23nr]. Check out the QTH photo in QRZ for more about the lakeside retreat.

- W2MTA

## NCS ROSTER

Current NCS listing is as follows:

Monday - Bill W2MTA

Tuesday - Mark W2EAG

Wednesday - Ole N4ABM

Thursday - Jack N1OTC

Friday - Glenn VE3GNA and Mike KA5NNG

Saturday - \*\*

Sunday - Jack KA8WNO

\*\*Jerry K8GA is having rig problems and will be out indefinitely. [Per Mark W2EAG]

## More News and Views

**A SPEEDY RECOVERY TO** Wally, WA8LLY. He informed Ole that he is recovering from a complete colon removal and says he is getting better slowly, but will be on the air again.

**More from Mark :** First let me comment on Jack's (WNO) proposal of moving the net up a couple. In my view, this is not a good idea because there are several Spanish speaking SSB stations up there, and depending on propagation, they are loud. I have been listening to them for a couple of years now. I do not speak much Spanish, but I know that they never identify themselves. I believe they are bandit operators, but

cannot prove it without someone to listen to them who understands the language.

This leads to Bobs moving the net on weekends. GREAT IDEA. I have had several people suggest this in the past few months. It certainly makes sense. By the time this gets printed, I'm sure everyone will have adjusted to the move.

As we know, propagation has been terrible for us on the net. It is difficult for the NCS to do his or her job under these conditions. Therefore, it is imperative that all stations pay strict attentions to the NCS instructions and abide by them at all times. If you cannot hear net control, wait for the chance when the NCS gets another station to call the net. It is un-nerving when people try to QNI 3 or 4 times when net business is in progress.

Another thing that has been happening is that the net has been in progress for 20 minutes or so, and stations check in with traffic. Don't misunderstand me on this, all stations are welcome with or without traffic, but if this happens repeatedly by the same stations, there is reason for concern. One of the rules of traffic handling is to be on time when the net starts, especially if you have traffic. This aids the NCS in his plans to move the traffic. Also, coming into the net late, might mean that the station who may have been able to take the traffic listed, was QNXed already.

We must all use common sense, and try to make things easier, not only for the Net Control Station, but for the net as a whole. A smooth flowing net make it more enjoyable for everyone who has checked in as well as for the person who is running it. Let us do all we can to help.

My last thought is about station comments. It is not necessary, when coming back to net frequency after being sent off, to send CLR or OK or anything else. Just give your suffix, no more. If the NCS has any doubts about the pairing, he will ask. Also, if the NCS asks you a question ,and it is a yes or no question, answer yes or no, that's all. A long- winded answer usually is not necessary, and takes up a lot of net time.

I hope that all you arfers are well. Don't forget to get any news for TC to either Sis or Ole if you want it printed. 73 to all. -ARF. Mark W2EAG

I just got the ARRL bulletin about the special event for Armed Forces Day. I was sad there was not going to be any CW, although I know the military dropped it some time ago now. But it did remind me when I was a young man in the US Navy and was stationed at the Naval Communication Station, NSS, as a radioman. Armed Forces Day special event in those days was a BIG DEAL. I even bought myself my first Vibropex bug for the event. Those who operated had so much fun communicating with the Amateur

fraternity. My call at the time was WV2FNK, and I operated the ham station on base also (K3NSS). A wonderful plaque hangs on my ham shack wall commemorating that event and signed by the CO. I am very proud of it. I wish that they would bring back CW for such events. Oh well, that's life, I guess. 73 all. Mark W2EAG

Mark is referring to the following from this bulletin: SB SPCL ARL ARLX003 (Excerpt):

The Army, Air Force, Navy, Marine Corps and Coast Guard are co-sponsoring the annual Military/Amateur Radio Crossband Communications Test in celebration of the 58th anniversary of Armed Forces Day (AFD). (Conducted May 10)

The annual celebration features traditional military to amateur crossband communications SSB voice tests and copying the Secretary of Defense message via digital modes. **These tests give Amateur Radio operators and short wave listeners an opportunity to demonstrate their individual technical skills** and to receive recognition from the Secretary of Defense and/or the appropriate military radio station for their **proven expertise**. QSL cards will be provided to those stations making contact with the military stations. **Special commemorative certificates will be awarded to anyone who Receives and copies the digital Armed Forces Day message from the Secretary of Defense.**

**Opinion:** I want to hear the definition of "traditional military". I might be incorrect, but I think Morse code was used in the military fifty-eight years ago. And now special certificates are awarded for copying (reading) a digital message? The phrase "technical skills" doesn't seem to fit in this case. I could read in the first grade. I didn't know I had "technical skills" then. Can someone explain why CW is being totally ignored? Please? - Sis WD8DIN

#### Treasurer's Report

##### N4ABM Ole, Treasurer

Balance 4-Apr \$209.69

4/21/2008 pd Post (\$47.97)

4/21/2008 pd Print (\$73.69)

Balance 4/21/2008 \$88.03

K8GA 4/23/2008 \$25.00

WA8LLY 5/23/2008 \$20.00

W2MTA 5/16/2008 \$20.00

Balance 19-Jun-08 \$153.03

Please make payments by check, payable to  
Merritt W. Olson, 12106 Stirrup Rd,  
Reston, VA 20191-2104

Do not make checks out to HBN or send contributions to Traffic Call. Checks are preferred for the purpose of record keeping.

## RANDOM RECOLLECTIONS OF AN OLD HAM

-by George Hart W1NJM

*A journalistic history of the life and times in the  
Amateur Radio world of George Hart, W1NJM*

### Chapter 26 - The W1AW Antenna Farm

The "antenna farm" on the seven acre field back of the new building consisted of five western red cedar poles, four of them 65' high, the far pole 50' high, supporting separate antennas for 160, 80, and 40 meters and a big "rhombic" antenna 350 feet on each leg, unterminated. The rhombic was to be used on 20 meters for maximum west coast coverage and had already been tested with astounding results.

I couldn't believe my luck in the prospects of being able to operate this magnificent station and actually being paid for it. Had I had sufficient means of support otherwise, I would have operated it for nothing, even paid to do so. I remember wondering, aloud, at the time, how they got around the FCC ban on paid operators and was told that we were not paid to operate the station, only to attend and maintain it. Thus, we were not "operators" but station "attendants," the operating being miscellaneous to this. This still left some necessary interpretation of the rules, which League's then general counsel, Paul Segal, had successfully negotiated with the commission. Nevertheless, Hal and I were usually designated as "W1AW operators" and a major part of our function, especially mine, was to make contact with other amateur stations for the purpose of representing the League to its members and the amateur radio fraternity in general.

The working hours totaled the same as those at the offices in West Hartford, but not the same hours. Hal and I were to work overlapping hours until he felt that I could manage with out him, each putting in 37 1/2 hours a week. Once he felt I could go it alone, the hours were from 3 p.m. to 3 a.m. weekdays and 7 p.m. to 1 a.m. on Saturday and Sunday. During the week we each worked a 6-hour shift and one of us would work every other weekend. It seemed to me like a very equitable and practical arrangement. I quickly "learned the ropes" and we started dividing the week day shifts, changing shift at 9 p.m., but Hal took the early shift so he could continue the building and maintenance program and I worked the "graveyard" shift when most of the on-air operation took place. This was fine with me for a while but I soon got weary of it.

Visitors at the new W1AW were plentiful, especially during the first few months. Hal did the lion's share of technical work, while I entertained visitors or assisted Hal at his directions. We got along well during that

early period. I was accustomed to being dominated by my older brother Ed, W3NF. It was a little different with Hal, who was a couple of years younger than I, (I was 24, almost 25 when I came to W1AW.) but I tolerated it. He wasn't a bad guy, but he lost no opportunity to demonstrate his superiority and very occasionally this grated. On the whole, however, we maintained a congenial relationship.

On-the-air operation was minimal during the first two weeks. I was allowed to operate the transmitters occasionally, but nothing was scheduled. We were still in the testing stages. This lasted only from August 22 to September 2, the date of the formal dedication.

Near panic had occurred on the day before when Ralph Beaudin, W1BAW, QST's assistant circulation manager, noticed the memorial plaque in the front lobby referred to Hiram Percy Maxim as "the father of organized radio."

"Shouldn't that be 'the father of organized amateur radio'?" he inquired. There were gasps from the other staff members, who had been admiring the plaque. I also had read the plaque several times and had never noticed this glaring error.

With the dedication less than a day away, what could be done? Ralph an enterprising and daring young junior executive, contacted the firm that had made the plaque, ascertained that the error was theirs and demanded that they do something about it immediately.

An overlay strip containing the missing word was hastily prepared and applied, so skillfully it was unnoticeable without close examination. After the dedication a completely new plaque was prepared and the repaired one replaced. Hundreds of people had admired the plaque containing the error but no one had noticed it until Ralph's eagle eye spotted it.

*Coming in Chapter 27: The Dedication of the new W1AW*

		HBN		
APRIL	QNI		QNI	QTC
		NG1A	9	18
KA8WNO	29	AB1AV	1	0
N1OTC	28	W1KX	4	0
W2MTA	27	N1OTC	28	224
W2EAG	25	N1PVP	1	0
KA5NNG	25	KW1U	19	56
W1WCG	24	W1WCG	24	4
KK3F	24	W2EAG	25	21
N4ABM	24	W2MTA	27	12
K3RC	23	W2PL	8	0
K4IWW	23	K2TV	18	2
WB8KPE	22	K2VX	12	0
K8KV	22	VE3DTR	18	3

K8GA	21	KK3F	24	3
WX4H	20	W3FAF	15	2
K8LJG	20	K3GHH	1	0
KW1U	19	VE3GNA	10	72
K2TV	18	K3IN	4	0
VE3DTR	18	WA3JXW	3	0
K3MIY	17	K3MIY	17	7
WD8DIN	17	N3ND	3	0
W3FAF	15	K3RC	23	6
		VE3VJC	1	0
<b>April</b>	<b>QTC</b>	N4ABM	24	6
N1OTC	224	W4DLZ	1	0
K8LJG	76	WX4H	20	43
VE3GNA	72	K4IWW	23	3
KW1U	56	W4VFJ	3	0
WX4H	43	W4WXA	2	2
KA8WNO	37	KA5NNG	25	5
K8GA	36	K6YR	4	3
WB9JSR	29	K7IFG	1	0
W2EAG	21	KX8B	1	0
NG1A	18	WD8DIN	17	0
W2MTA	12	K8GA	21	36
		W8IM	8	2
		WB8KPE	22	0
		K8KV	22	6
		K8LJG	20	76
		WD8PNL	1	0
		WD8Q	3	8
		W8RTN	2	1
		KA8WNO	29	37
		WB9JSR	14	29
		K9PUI	7	8

WA2CUW	2	0
W2EAG	20	7
W2MTA	28	23
W2PL	10	0
K2TV	29	4
K2UYK	2	2
K2VX	4	1
N3COR	1	0
VE3DTR	13	4
KK3F	15	13
W3FAF	15	4
VE3GNA	10	72
VE3GT	5	0
K3IN	1	0
WA3JXW	8	1
K3MIY	15	12
N3ND	4	0
K3RC	20	0
K3TEL	1	0
N4ABM	28	23
WX4H	29	31
K4IWW	28	7
W4TY	3	0
W4VFJ	3	0
W4WXA	3	2
KA5NNG	26	6
K6YR	2	0
KX8B	2	2
WD8DIN	15	1
K8GA	11	27
W8IM	9	1
WB8KPE	26	0
K8KV	16	9
K8LJG	23	101
KA8NYY	1	0
WD8Q	2	5
KA8WNO	31	71
WB9JSR	1	0
K9PUI	3	3

**HBN Totals APRIL 2008**  
**QNI 565 -QTC 695 -QSP 620 QND 1024**  
**Sessions 30**  
 ^^^

*Happy Birthday!*

**JULY 1-** W2MTA; 5 WD9F; 14 WB8KPE; 17 N4DY;  
 21 - W2EAG  
**AUGUST 18** - KB9IOT; 24 KC8GMT; 8 - KX8B  
**SEPTEMBER 12** N3QA; 19 AF4NS

**HBN QNI MAY**

NG1A	15	34
W1KX	5	0
N1OTC	28	228
W1PID	2	0
KW1U	15	50
W1WCG	21	33

**HBN Top Dawgs May**

	<b>QNI</b>		<b>QTC</b>
KA8WNO	31	N1OTC	228
K2TV	29	K8LJG	101
WX4H	29	VE3GNA	72
N1OTC	28	KA8WNO	71
W2MTA	28	KW1U	50
N4ABM	28	NG1A	34
K4IWW	28	W1WCG	33
KA5NNG	26	WX4H	31
WB8KPE	26	K8GA	27
K8LJG	23	W2MTA	23
W1WCG	21	N4ABM	23
W2EAG	20	KK3F	13

K3RC	20	K3MIY	12
K8KV	16		
NG1A	15		
KW1U	15		
KK3F	15		
W3FAF	15		
K3MIY	15		
WD8DIN	15		
VE3DTR	13		

**SB QST ARL ARLB005 ARLB005  
W1AW 2008 Spring/Summer Operating Schedule**

**Morning Schedule:**

Time	Mode	Days
1300 UTC (9 AM ET)	CWs	Wed, Fri
1300 UTC (9 AM ET)	CWf	Tue, Thu

**Daily Visitor Operating Hours:**

1400 UTC to 1600 UTC - (10 AM to 12 PM ET)  
1700 UTC to 1945 UTC - (1 PM to 3:45 PM ET)

(Station closed 1600 to 1700 UTC (12 PM to 1 PM ET))

**Afternoon/Evening Schedule:**

2000 UTC (4 PM ET)	CWf	Mon, Wed, Fri
2000 " "	CWs	Tue, Thu
2100 " (5 PM ET)	CWb	Daily
2200 " (6 PM ET)	RTTY	Daily
2300 " (7 PM ET)	CWs	Mon, Wed, Fri
2300 " "	CWf	Tue, Thu
0000 " (8 PM ET)	CWb	Daily
0100 " (9 PM ET)	RTTY	Daily
0145 " (9:45 PM ET)	VOICE	Daily
0200 " (10 PM ET)	CWf	Mon, Wed, Fri
0200 " "	CWs	Tue, Thu
0300 " (11 PM ET)	CWb	Daily

**Frequencies (MHz)**

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 CW: 1.8175 3.5815 7.0475 14.0475 18.0975  
 21.0675 28.0675 147.555  
 RTTY: - 3.5975 7.095 14.095 18.1025 21.095  
 28.095 147.555  
 VOICE: 1.855 3.990 7.290 14.290 18.160 21.390  
 28.590 147.555

Notes: CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM  
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM  
 CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2230 UTC (6:30 PM ET), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0000 UTC (8 PM ET) Thursdays and 0000 UTC (8 PM ET) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1400 UTC to 1600 UTC (10 AM to 12 PM ET), and then from 1700 UTC to 1945 UTC (1 PM to 3:45 PM ET) Monday through Friday. Be sure to bring your current FCC amateur license or a photocopy.

The complete W1AW Operating Schedule may be found on page 97 in the March 2008 issue of QST or on the web at, <http://www.arrl.org/w1aw.html> .  
 NNNN /EX

**HBN MAY 2008 TOTALS**  
**QNI 551 QTC 777 QSP 712 QND 1131**  
**SESSIONS 31**  
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**Change of address:**  
**Frank W Thrash W4DLZ**, 502 Ave D AT 8TH ST, P O Box 865, Carrabelle FL 32322; **Arthur Thiemens AA4AT**, 100 Anna Goode Way Apt 137, Suffolk VA 23434-9236; **Glenn Allison Killam VE3GNA**, Pinegrove Rd, RR.#1, Roblin ON K0K 2W0, CANADA; **Jack A Ritter WØUCE**, 1145 Blue Bird Lane, Wake Forest, NC 27587

**Don, WB8KPE, submitted this short list for NCS'  
HBN**

	AB1AV	BILL	NH	KA5NNG	MIKE	AR
	KW1U	MARCIA	MA	K6YR	BOB	CA
1	N1OTC	JACK	MA	W1WCG	VAN	CT
	W1WCG	VAN	CT	W3JKX	EARL	EPA
	K2TV	BOB	NY	W3SAS	STEPHANIE	EPA
	W2EAG	MARK	MA	WA3JXW	DUDLEY	EPA
2	W2MTA	BILL	NY	WX4H	MORT	FL
	WA2CUW	TOM	NJ	K8KV	BEN	FL
	K3MIY	RON	WPA	W8IM	DEAN	FL
	K3RC	BOB	OH	K8GA	JERRY	GA
	KK3F	PAT	MD	WB8RFB	JOHN	IL
	N3COR	DON	WPA	N9NY	GREG	IL
	N3IN	LYNN	WPA	KW1U	MARCIA	MA
	VE3DTR	JOHN	ONT	N1OTC	JACK	MA
3	VE3GNA	GLENN	ONT	W2EAG	MARK	MA
	W3FAF	JOHN	MN	KK3F	PAT	MD
	W3JKX	EARL	EPA	K8LJG	JOHN	MI
	W3SAS	STEPHANIE	EPA	WB9JSR	JOHN	MI
	WA3JXW	DUDLEY	EPA	W3FAF	JOHN	MN
	WA3QNT	BOB	WPA	K4IWW	WILL	NC
4	K4IWW	WILL	NC	WD8DIN	SIS	NC
	N4ABM	OLE	VA	AB1AV	BILL	NH
	WX4H	MORT	FL	WA2CUW	TOM	NJ
5	KA5NNG	MIKE	AR	K2TV	BOB	NY
6	K6YR	BOB	CA	W2MTA	BILL	NY
	K8GA	JERRY	GA	K3RC	BOB	OH
	K8KV	BEN	FL	WD8Q	HENRY	OH
	K8LJG	JOHN	MI	VE3DTR	JOHN	ONT
	KA8WNO	JACK	WV	VE3GNA	GLENN	ONT
	N8IY	SAM	WV	N4ABM	OLE	VA
8	W8IM	DEAN	FL	K3MIY	RON	WPA
	W8PBO	ART	WV	N3COR	DON	WPA
	W8PBO	ART	WV	N3IN	LYNN	WPA
	WB8KPE	DON	WV	WA3QNT	BOB	WPA
	WB8RFB	JOHN	IL	KA8WNO	JACK	WV
	WD8DHC	MIKE	WV	N8IY	SAM	WV
	WD8DIN	SIS	NC	W8PBO	ART	WV
	WD8Q	HENRY	OH	W8PBO	ART	WV
9	N9NY	GREG	IL	WB8KPE	DON	WV
	WB9JSR	JOHN	MI	WD8DHC	MIKE	WV

## **The Charge of the Lightning Sender**

*-From Net News (QMN) Feb 2002*

Up from his chair the other day  
A Plug arose in some dismay  
To answer a call from a distant town  
On a wire difficult to hold down.

The office was warm, the hour was late  
As that sender started at a rapid rate,  
And soon he was going like the wind  
With the Plug about fifteen words behind.

And faster and faster the dashes rolled,  
And the dots like a torrent uncontrolled,  
'Til through the office seemed to pour  
Some sixty words a minute or more;

And there in the waning light ---  
Driving his pen with all his might===  
With lips compressed, to his desk inclined,  
Sat the Plug, twenty words behind.

Then swift from his pen the hot words flowed  
Like chicken tracks in a muddy road;  
And as he thought of his terrible need,  
He scratched away to his utmost speed;

And soon on his face came a pleasant smile,  
For he had caught on to that sender's style;  
And as dots and dashes came to his mind,  
He soon was not more than ten words behind.

Onward, still onward, at a steady pace,  
The Plug surely was winning the race.  
And when a long "special" neared its end,  
He knew full well that the sender could send.

Sometimes ahead, sometimes in the rear,  
At last every word to him came clear.  
And when they got through, bear this in mind,  
The SENDER was fifteen words behind.

## **Arthur Godfrey Meets the Expert**

Howard O. Lorenson, W7BI

When the Naval Research Laboratory was established in 1923, the U S Navy simultaneously established the Radio Material School at the same location. Together these two Naval institutions were known as Bellevue. Here the promising Navy Radiomen would receive their instructions in radio theory in the morning and spend the afternoon in the laboratory, assisting engineers with the building, testing, and operating of new radio equipment.

The Coast Guard was also entitled to a couple of slots in each class at Bellevue. For a young radioman to be selected to go to Bellevue was a sure sign he was an outstanding operator, and in modern terms he had his career made. Here he would work with the engineers on the newest inventions for the Navy.

For one of the early classes the Coast Guard selected a young "White Hat" by the name of Arthur Godfrey as its candidate for Bellevue. Godfrey arrived a few days early and reported to the Commander of the Radio Material School.

Since classes would not start for a few days, the Commander suggested Arthur spend his time looking around and getting acquainted with the engineers. He suggested perhaps first making a visit to a small wooden building at the base of one of the 300-foot radio towers. At this "field house", they were working on a new high-powered short-wave transmitter and no doubt they would be willing to show him the set and tell him about its operation.

When Arthur arrived at the "field house" he was met by a man who was busy sweeping the floor. He had on an old cap and sweater, and was smoking a corn cob pipe. In those days the lab had one janitor and his duties were confined to the main buildings, so engineers were expected to keep the field house swept up. When the man finished sweeping he greeted Arthur with "I guess they sent you out to see the new transmitter". Arthur nodded in agreement.

The man then proceeded to describe the equipment as the newest master-oscillator power amplifier type design using screen grid tubes in the amplifier stages, and incidentally these tubes didn't require neutralization like triodes would.

He also said the oscillator stage ran continuously and the amplifier stage was keyed to avoid "chirp" associated with keyed oscillators. He explained the frequency was maintained to very high accuracy by the use of the new quartz crystals, which were temperature controlled.

The antenna system, he explained, was a phased array suspended between the two towers. At the end of an hour, he finished his description and Arthur went back to the Commander's Office.

The Commander asked Arthur if they had shown him the new transmitter. Arthur replied "Yes, I don't know what the heck I am doing here; I just had an hour technical description of the Navy's newest development by a janitor! Heck, he knows more about radio than I ever will!"

The Commander laughed and asked Arthur to describe the janitor for him. Arthur said "He was smoking a corn cob pipe, had on an old cap and a coat-type sweater and was sweeping the floor when I came

in.” The Commander said “Son, you have just had a lecture from the Navy’s Chief Scientist, Dr. A. Hoyt Taylor, not the janitor.”

Dr. Taylor pioneered in the development of short-wave radio communications, and is credited with establishing the high standards, which made NRL an outstanding research organization.

*[Arthur Godfrey K4LIB became a SK in 1983.]*

[Poem from Net News (QMN Newsletter) June 2001

A. Godfrey ... Net News, February 2002].



## **TRAFFIC CALL**

C. L. Berry WD8DIN  
1182 Eastbrook Ln  
Hendersonville NC 28792-6411