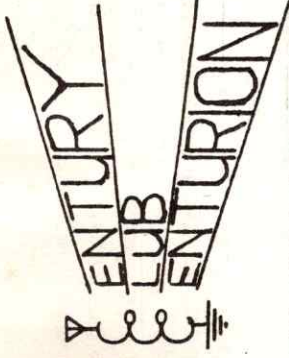


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Vol. VII, No. 2 THE 3905 CENTURY CLUB, INC. January, 1986

From Your Editor

by K4KWN

I hope this article will give some active antenna builders a chance to try a new antenna on the 75 meter band. If I haven't answered all of your questions, or you have any comments, please bring it to my attention on the net. So, until the next net and our roads cross again, 73's and remember us little stations with low power and our goals and "please note QRP on the card".

Dave Vondrasek, KA9JLU (QRP)
75 mtr. CC#1329

You can expect the radiation pattern to resemble that of a rotatable dipole. I have noticed approximately 7 to 10 db gain when compared to my inverted vee antenna at 40 feet. The phased antenna is raised to approximately 65 feet so a half-wave above-the-ground antenna results.

It seems like you received your last issue of the Centurion just a few weeks ago, and that is the case. In order to try to get back on the proper schedule I have got this issue on the street just a couple of weeks late. Besides, we have enough info to put in this issue to fill it up, so you aren't getting short-changed no matter what happens.

THE CENTURY CLUB "CENTURION"
c/o Robert J. Hall, Jr.
3125 Lynnwood Way
Jeffersontown, KY 40299

In this issue of this quarterly rag we have an antenna article as well as some letters from some of the readers from across the nation. Things have been happening in Megalopolis as the "Message from Megalopolis" will attest to. I have included a list of officers and directors and their addresses for your reference, a synopsis of actions by the Board of Directors, all for your enjoyment. By the way, you'll notice that the software I'm using to write this thing doesn't provide for the backspacing of the printer mechanism so a slash bar (/) can be printed over any zeros (0). So, whenever you see a call or a number that is a zero and should have a slash bar over it, just add one of these /////////////// with your mind, hi!

Congratulations to Vince, AA4MY (ex WB7TXP), and a belated congratulations to Rob, NA10 (ex WAINCN) for upgrading.

Before closing, I would like to mention again how you can tell when your subscription expires and just what all of the numbers on your address label mean. In the top line

CONTINUED ON PAGE 2

Inquires to:

Bob Hall, K4KWN, "Centurion" Editor, 3125 Lynnwood Way, Jeffersontown, KY. 40299

there is a series of numbers with a hyphen in it. The number to the left of the hyphen is your subscriber's number. The number to the right of the hyphen is the number which tells when your subscription expires. The first digit is the volume number and the second digit is the issue number. If you look just under the masthead you will see which volume and issue this newsletter is (O.K., it is Vol. VII, No. 2 (72) for you who are too lazy to look). And if I haven't done another boo-boo, those of you who's subscription expires with this issue should have a notice to that effect along side your address label.

Well, that's basically it...keep those cards and letters coming...I enjoy hearing from each and every one of you!

73,
Bob, K4KWN

From Our Readers

WRIGHTWOOD, CALIFORNIA
From Jim Young, WB6FNI

WB6FNI will operate from the Jet Propulsion Laboratory's Table Mountain Observatory, where he is the resident astronomer, to commemorate astronomical observations of Halley's Comet during the International Halley Watch. Operation will be limited to 40 meters during the months of February and March, 1986, on a non-interference basis with normal observatory activities. Frequencies and times: CW - 7.120 +/- 5 khz. (novice) 0400-0500; phone 7228/7077 (DX to EU and AF) 0500-0600; 7249 (stateside/Western Hemisphere) 0600-0700; 7249 (Triple HHH Net) 0700-0800; 7228 (South Pacific/Australia/NZ) 0800-0900; 7288/7084 (DX to Asia/Far East) 0900-1000; PLUS THE 3905 CENTURY CLUB ON 80/75 METERS @ 0200! A Certificate plus an original 1986 Halley's Comet photo taken at the observatory for a #10 SASE (.39) stateside or 5 IRC's foreign requests. QSL via operator at P. O. Box 576, Wrightwood, CA 92397, USA.

CONTINUED ON NEXT PAGE

"PLEASE NOTE QRP ON THE CARD!"
Dave Vondrasek, KA9JLU (QRP)

ANTENNA DIAGRAM
ON NEXT

This is a statement heard on the net very often from stations striving to achieve goals some stations don't dream of. AA4MY asked me to write and explain how a QRP station can pick up the early net once or twice and the late net on a regular basis when NCS doesn't show up. It's easy if you think about it. All it takes is a little nerve, a little help from relay stations and an antenna that is big enough to cover your front and back yard. The antenna I'm going to describe is good from 3.5 mhz to 4.0 mhz with a reasonably low SWR and, depending on what type of material is used to construct the antenna, will handle full legal power. When used through a 4:1 balun and a tuner, it will operate reasonably well on all bands.

For my operation the antenna is 12 ga. 7 strand wire, the feed line is 300 ohm twin lead to a 4:1 balun, and then fed through a Drake MN-4 Matching Network.

The installation of the antenna is the most difficult part. I'll describe it in detail, but remember this is an experiment and no data is available except what I have experienced.

First construct three identical dipoles for the same frequency. Raise each antenna to the height at which you plan to have your array one at a time. After each dipole has been tuned to the desired frequency, cut 2 sections of 300 ohm twin lead one-quarter-wave of the frequency of the dipoles. Connect the three dipoles as shown in the diagram. Connect one wave-length of 300 ohm twin lead to the center dipole and angle the feed line away at 90 degree angle. Connect this feed line to a 4:1 balun (either in your tuner or to a 4:1 balun and then to 52 ohm coax (any length) and then to your tuner). With a tuner you may operate on any band (80 through 10 meters) with a SWR of 1.5 or less. If your calculations are correct, you can operate 3.5 - 4.0 mhz with no tuner in line and achieve a SWR of no more than 1.5 to 2.0.

CONTINUED ON NEXT PAGE

AREA DIRECTORS

- 1 WA1ROI Fred Larson, RFD 1, Cambridge, ME 04923
- 2 WA2HWG George Hanrahan, 2 Amy Ave., Utica, NY 13502
- 3 N3DRO Barbara Baum, RD 1, Box 1426-A, Newville, PA 17241
- 4 W4NNO Harold Chambless, 8 Harmony Hall, Doctors Inlet, FL 32030
- 5 W85BRF Bob Whitlock, Rt. 5 Box 201-B, Meridian, MS 39305
- 6 KB6HM Pete Weissmuller, 1326 Barrington Way, Glendale, CA 91206.
- 7 W7IMB Fred Ford, 4646 Green Valley Dr., Salt Lake City, UT 84107
- 8 KA8MVV Ken Meier, 280 Woodland Dr., South Lyon, MI 48178
- 9 KA9PJZ Robert Bates, 486 Royal Oaks Dr., Wood Dale, IL 60191
- 10 NN00 Howard Dantuma, Rt 2 Box 252, Columbus Junction, IA 52738
- DX VE3FNM Will Phillips, 95 Richland Cres., Etobicoke, Ont, M9C 4C5

AWARDS MANAGERS

- 1 KV1M Mike Zyara, Jr., 58 Isinglass Rd., Huntington, CT 06484
- 2 K3IYW Jim McRobie, 612 K Street, Mountain Lake Park, MD 21550
- 3 K3IYW Jim McRobie, 612 K Street, Mountain Lake Park, MD 21550
- 4 KC4KY Bill Gay, 3273 Brashford Rd., Birmingham, AL 35216
- 5 WD5IJK Edgar Milum, 3826 Mossy Oaks, Spring TX 77379
- 6 KB6HM Pete Weissmuller, 1326 Barrington Way, Glendale, CA 91206
- 7 WB7DIG Gene Fischer, 165 Rosario Beach Rd., Anacortes, WA 98221
- 8 KB8MP Gerald Sanders, 719 Mohican Dr., Loveland, OH 45140
- 9 N9DFR Steve Kittell, 1209 S. Chestnut, Green Bay, WI 54304
- 10 WB9VRN Ken Hudachek, 21116 Hollywood Blvd., Iowa City, IA 52240
- DX VE3KFO Jack Harper, P. O. Box 3183, Picton, Ont, Can. K0K 2t0

All Award Applications must be sent to your call area awards manager for processing. Include a SASE to forward award applications (see name, call, and address below).

NET CONTROL COORDINATORS

- 75 M N3DPF John O'Keefe, RD 1, Box 328-0, Brackney, PA 18812
- 40 M N05C Elton Kytie, 5731 Dunfries Dr., Houston, TX 77096
- 160 M KY5D Joe Wise, P. O. Box 372, Cold Spring, TX 77331

QSL BUREAUS

- 75 M WA9CNV Pauline Course, 1669 Wrightwood Ct., Glendale Heights, IL 60139
- 40 M KE5XU Byron White, RT 22, Box 569-X, Tyler, TX 75704
- 160 M WA9CNV Pauline Course, 1669 Wrightwood Ct., Glendale Heights, IL 60139

AWARDS SECRETARY

- WB3AMO Dave Welker, 229 Ridge Ave., Sunbury, PA 17801

AWARDS COMMITTEE.

- W4NNO, WB3AMO, KD30, WD/GAH, KK2M

MOBILE NEVADA

by Glenn Roberts, KU7Z

When we decided to take in the "Octobervention" in Las Vegas, we quickly fabricated a tip-up mount right in the center of the roof of the travel trailer. The Hustler 6BTV was fitted to this mount. For traveling, ten feet of the Hustler remained connected to the mount and reclined rearward on the roof of the trailer. A bracket was installed at the rear of the roof to hold the section of the Hustler from bouncing around. The other fourteen feet of the antenna was separated into two sections and hauled inside the old International Harvester Travelall.

We checked into the Century Club net on 10-31-85 and worked as schedule permitted through 11-6-85. Out of the 83 contacts made during this period, 80 were on the Club net. Wow, were we ever busy filling out and sending QSL cards!!!

For the members still needing KU7Z, Mobile Nevada, watch for us to be back around mid-December through approximately April, 1986. Tentative plans are to also work mobile Arizona, California and possibly New Mexico.

73's
Glenn, KU7Z

COLUMN CONTINUED ON PAGE 7

Message from Megalopolis.

It has often been said of Header O. Dyne that if brains was dynamite, he couldn't blow his nose...well the tale you are about to hear will bear that out! The tale was related to me by Header's fox-hunting buddy, Al E. Gaiter, as was related to him by one of those involved in the episode, Tall Taylor.

"It seems that Hattie was wantin' a long war antennie fer operatin' on one of them thar ham bands close to the radio band which my Radiola kin pick up.

Wal...Header was figurin' that he'd kill two birds with one rock and would make that antennie from copper tubin' and hook it up to his still, by which he could communicate with the world and make his winter supply of toddie- tonic at ta same time. It's not that Header was a skinflint, but it has been said of him that he'd sell someone a dozen eggs and borrow one back fer breakfast!

Wal...Header made the mistake of usin' Suwanee River swamp water to go with his corn squeezein's, which he figured would make a mighty potent batch of the legendary Suwanee Squirrel Chaser (that which, when drunk, will allow the drinker to scurry up trees and go nuts without further help of man nor beast).

Wal...hit seems that Header fergot that the Suwanee River swamp water had been tainted by the filth from that big town up river, which added all kinds o' bugs and goop and which, when run through a still, would make a batch of likker which NASA would envy to get to put in their rocket ships! Wal... as Header was sittin' out in the woods at the end of that antennie, awaitin' for the first golden drops to trickle into his clay jug, he made the mistake of strikin' a match to light his corn cob pipe with as the first of the squeezein's was makin' it's final trip to the end of the coil, and WHOOOOOSSH, up she went into the nighttime sky...still, antennie, squeezein's and all!

So, if y'all happen to glance into the nighttime sky and happen to see a hazy blur amovin' through the heavens...it ain't Halley's Comet as some would have you believe, but ole' Header's still jist makin' another loop around the sun leavin' a trail of Suwanee Squirrel Chaser!"

From the Boardroom

1. Split frequency operation will be permitted on Club nets if the Net Control Station feels it is feasible at the time, and, only DX stations not authorized to transmit on net frequency will be permitted to operate split frequency.

CONTINUED ON NEXT PAGE

2. KC4IF and the OM Net has donated a mimeograph machine to our Club. WA4SGP has the machine. Thanks!

3. Tentative date (and it may be firmed up by the time this gets to you) for election of Club President and Vice President will be January 18, 1986 (19 Z).. Candidates are for President: KA5HFB and WA4SGP; for Vice President: KBOYX and KB3GN.

4. Ballots for even call area directors should be received by KA9PJZ on or before 1/18/86.

5. The 75 meter Anniversary Net (Old Timers Night) will be February 15, 1986 (16 Z).

6. KA5HFB and KOAFY are coordinating Eyeball IX, which will be held in the Branson, MO area on August 1, 2, and 3. For those of you who have not been in the area before, you are in for a real treat. Take along fishing tackle for trout fishing (that's right, they have trout fishing in Missouri in the middle of summer!)

7. Latest info on the nets are: the 40 meter net starts at 0000Z until daylight savings time goes into effect. The 160 meter net is Friday nights 0100-0500 with a late net and on Saturday 0400-0800 - 1,865 plus or minus QRM. The cw net is Wednesday evenings 0200-0400 on 3.685

NOTE: Items above have been gleaned from minutes of the Board meetings and may or may not be in effect by the time you get this issue of the "Centurion". To be certain on these and other items, check into the nets regularly.

THE 3905 CENTURY CLUB, INC.

President	KA5HFB	Letha Sharp, Rt 2 Box 173, Prairie Grove, AR 72753
Vice. Pres.	KBØVX	Bob Adams, Box 104, Blair, NE 68008
Secy/Trea.	WA4SGP	Ray Grant, 523 Glenpark Dr., Nashville, TN 37217
Info. Off.	KB1GN	Mike Sheehan, 27 Border Rd., Holbrook, MA 02343
Res. Agent	WØ4L	Ron Toller, Box 23482, Ft. Lauderdale, FL 33307
Centurion	K4KWN	Bob Hall, 3125 Lynnwood Way, Jeffersonton, KY 40299
Historian	KØ3O	Jim Fisher, Rt. 3 Box 393, Smithsburg, MD 21783
Past. Pres.	WA2ZM	Bill Herbert, 353 7th Ave., Troy, NY 12182

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