

TELSTAR

MAY 1987 NO. 81

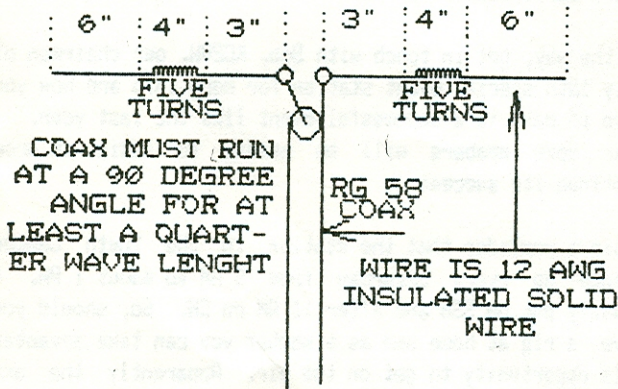
'MAKE-A-WISH' a hoax

SOUTH TOWNS AMATEUR RADIO SOCIETY
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TWO METER LOADED DIPOLE



Here is a nice 2 meter antenna that works well and does not take up much room. It is just the right size to install in one's attic and use on packet or one of the other modes.

Each element is made from a length of #12 AWG insulated solid wire, (a piece of romex wire works very well for this application) and a six inch piece of 3/4" hardwood dowel.

The coils consists of 5 turns 3/4" diameter, 4 inches long, spread the turns evenly within the 4" length. Mount the antenna in the clear - running the coax away from the antenna at a 90 degree angle for at least a 1/4 wave length. Then use a SWR bridge/watt meter of reasonable quality adjusting the spacing between the turns of the coils for the best VSWR.

The antenna can be mounted either vertically or horizontally retains a VSWR of less that 1.5:1 from the 144-147.995 MHz. Test equipment used on this project were the Bird Model 43 and IC-2AT.

Enjoy ***** Courtesy Dick, K2RDD

Save those QSL's and postcards! The article on page 2 of our March (Worldradio) issue -- "Help fulfill a wish" -- has been proven to be a hoax. There is no "catastrophically ill" 8 year old in Scotland waiting for QSL's and postcards.

When this article was printed five years ago in Rotary International's publication, the small post office in Paisley, Scotland was deluged with hundreds of postcards that had nowhere to go. Tom Lufkin, WA4DAX -- not knowing this -- ran the same item in a club newspaper. Hence his name in our paper (Worldradio).

Thanks to Bill Lacey, W6TRI, of Bakersfield for bringing this to our attention.

*** The above appeared in the May issue of World Radio and is printed in its entirety = will have to go back to the old adage = don't believe anything you hear and half of what you see ***

Joe = N2BGJ

The Prez Sez

At times one receives news that gives him very mixed emotions, so it was when Joe, K2QNG, stopped by my QTH. It was at this time that I found out about Joe's new employment that will require him to relocate in Long Island. I am very happy for Joe and wish him and his family the best success with his new job, home and friends. On the other side Joe was very involved with STARS. The club will miss his hard working dedication. No pun intended but these will be big shoes to fill. Check your committee list and you will find K2QNG holding many positions. We will have to elect a new secretary at the next general meeting = those of you wishing to run contact Guz, WB2EZU. Anyone wishing to assume any of the other positions held by Joe should contact me. I will gladly bestow a presidential appointment on you. If everyone does a little, the club will do a lot = if nobody does anything, the club will die.

I promised to tell you about the 2 meter meca of the world: Southern California. What a surprise! No big deal! It's just about the same as here. I also thought I might kick up a stir with my "2" call. Well I just fit right in with all the "3"'s, "4"'s, "5"'s, and "7"'s. It seems as if everybody is a transplant. One big difference is that a two watt hand held is an oddity. Some were surprised that I could work their machines. Most of them use a good ten watts and up.

On the Western New York scene, more and more action is on 28.3 to 28.5 Mhz. Sometimes you'll hear nothing. Call "CG" and before you know it, seven or eight are in the group. There's a little DX running on 10 meters also. If you haven't been up there, jump in = there's room for all.

WB2ELW is on the air from the youth center each Saturday 0900 to 1200 hours. I stopped by last Saturday and everything works great. The electric substation across the street keeps the band noisy but other than that, it's pretty good. Those that have been making use of the YC station are having a ball. For those that don't have HF gear, here's the place to get on the air. Station manager, Ron, KA2WCU, is a general so all the bands are accessible. Stop in some Saturday morning and join the fun. Remember: come the end of May, the rig will move to the clubhouse at the Nike base.

Electronic equipment has been donated to STARS. One item is an automatic call sequencer. It can handle up to 64 user owned lines. It answers the calls with a pre-recorded message then places the calling party on hold and indicates the highest priority by winking the light on the phone. I have been told when new it retailed about \$2000. Does anyone have any ideas on how it could be put to use in amateur radio? See you all at the next meeting, May 7.

Stay involved = John, KA2RFT.

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STATION RUNDOWN

This transmitter is a "GRP" transmitter salvaged from a wrecked "UFO" and is driving sixteen 6L6's in "grounded plate" configuration which are mounted upside down in coffee cans emersed in the outdoor gold fish pond. The receiver uses crystals from "three mile island" declared "safe" by the "atomic energy commission". The "highly radio-active crystals" are "tickled" with a whisker from a grey alley cat on the prowl. The antenna is of the beverage type made up of 975 Pabst Blue Ribbons cans driven in phase laying the military log periodic antenna to shame. Frequency resonance is obtained by the proper level of consumption of beverage by the operator from the cans and replacement of the "empties" with full cans enabling 1-to-1 match at all frequencies. Phased white lightning cooling coils control the angle of radiation. A special receiving array utilizing a "bootleg" tap on the thirteen foot receiving dish of the local cable TV company. The very high gain of the antenna is due to a home brewed "positive gain coax" developed from discarded still cooling coils. This gives the antenna a gain of about "eight to the twentieth power." The terminal unit consists of a pair of tuning forks driven in phase with a small series tuned hammer offering high performance at minimal cost. The machine is an old L C Smith typewriter with an IBM keyboard added. The reperf uses a crippled Latvian dwarf manually punching tape with a pair of "old Ben Hogan golf shoes." The TD is mounted in a five by seven centimeter semi-solid strong

electro-magnetic field energizing a model "T" Ford coil hot footing eight go-go-go-go girl Japanese beetles sending ASCII and baudot signals. Loop current is supplied by 1,000 lightning bugs charged with 100 proof fumes from flying too close to the stills in the back forty acres. (Some of the above is fabrication.)

== copied via RTTY mailbox ==

== Joe N2BGJ ==

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STARS GOSSIP COLUMN

May 7th meeting will be one of importance due to the replacement of our secretary = Joe, K2QNG = who has done a very good job for our club. He has been transferred out of the territory by his company. Section 4 of our constitution states: Vacancies in office occurring between elections shall be filled by a majority vote, assuming there is a quorum, by a special ballot at the first regular meeting at which the incapacity, death, or resignation is announced. In addition to this, we will miss his daughter filling out the special event certificates for us.

By the way, get in touch with Bob, KC2VW, our chairman of the July 18th special event station for more info and how you can help to make it a successful event like the last year. This year more members will be needed to assist in order to continue its success.

Again a reminder that the station in the Youth Center is opened up every Saturday from 9 AM to about 1 PM. It is usually put on SSB and after 11 AM on CW. So, should you not have a rig at home and as a member you can take advantage of this opportunity to get on the air. Apparently the antenna and tuner can get the rig on almost all bands.

The club paper may get to you prior to April 29th and that should give you some notice to take the FCC test to upgrade. Be prepared as there may be no more tests till November except for the various hamfests that you may attend.

With the nice weather approaching it is time to think about the Nike base clubroom and getting it ready to reopen. Many experiments to do as well organizing the storeroom which should look nice and neat with the shelving installed. Another item, there is some surplus teletype equipment that no one wants to overhaul so it will be disassembled and dispose of it. The price was free so no loss is incurred. The mechanical monsters are being phased out since the computers entered upon the scene.

Have another G5RV antenna to test and once the bugs are ironed out will draw a diagram as well as a nice article so all the members with at least 110 feet of space can put one up. One thing it is cheap and it works. hi! hi!

See you all May 7th

Guz WB2EZU

ARRL NEWS

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The FCC has granted the ARRL request for an extension of time in general docket 87 14 which proposes to reallocate the bottom 2 mhz of the 220 mhz band to the land mobile service. The New deadline date for comments to be received by the FCC is May 21, with reply comments due June 19. SEE APRIL QST.

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The FCC granted the ARRL request for extension in PRB 3 to 31 July, reply comments due 31 August. This proposal seeks to determine if the private sector could issue certain amateur call signs.

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The FCC has issued an order, General Docket 79 144, excluding the amateur radio service from being required to periodically submit information concerning human exposure to radio frequency, RF, radiation.

The ARRL had filed comments urging the commission to exclude amateurs from the reporting requirement. Because of the relatively low power of amateur stations, there was little likelihood of exceeding the standards which the commission has set concerning public exposure to RF. The ARRL urged at operator education, through the use of RF safety questions as part of amateur examinations, was the most effective means of assuring compliance with RF exposure guidelines. The ARRL/VEC has already incorporated such questions into the various amateur examinations.

The FCC said that since amateur stations are not individually licensed by frequency or power output, and were licensed over a 10 year period, it would be administratively impossible to evaluate an amateur station for RF exposure guidelines. FCC agreed with ARRL comments that operator education would help assure compliance and urged ARRL to educate amateurs about the issue of RF radiation.

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In 1982 there was an FCC action revoking the license of David Hildebrand, N2BHU, because of his admitted violations of the FCC rules prohibiting obscene, indecent or profane language. The FCC review board overturned this saying that the amateur radio service only involves private transmissions and the legal cases which define obscenity only involve broadcasting to the public. The ARRL and private radio bureau of the FCC appealed to the FCC = April 16th, the FCC reversed the review board decision stating amateur radio is sufficiently like broadcasting in as much it is shared by all amateurs and there is a risk of children listening to the transmissions. Also section 97.119 specifically governs indecent

transmissions. The commission limited its actions to a declatory ruling and admonished Hildebrand against further violations. Further details in happenings column = June QST.

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HAM RELATED GEAR

NEED = used two meter mobile rig = call Nick, KA2SEZ
phone # = 823 3953

NEEDED = TWO (2) representatives for the Ham O Rama meetings
See John, KA2RFT = 648 0341

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COMING EVENTS 1987

<u>General Meeting</u>	7 May at 7:30 PM Youth Center
<u>Board Meeting</u>	26 May at 7:00 PM Youth Center
<u>75 Meter Net</u>	Each Saturday at 10:00 AM +/- 3925 khz
<u>2 Meter Info Net</u>	Each Wednesday 7:00 PM 147.69/.09
<u>RAVE phone 838 3961</u>	Upgrading information
<u>Telstar deadline</u>	20 May

Town of Hamburg 18 - 19 July = 175th town anniversary

Erie County Fair 14 - 23 August

Ham-O-Rama 12 September = Falls Convention Center

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editor comments

I would like to thank those who contributed regularly with their input to the newsletter. Regarding the deadline may have to move it up even earlier if the Buffalo Post Office can cancel a first class letter on the 17th and it takes till the 22nd to get to my postoffice box, and I thought that the Lackawanna PD was bad when it handled our mail.

Would like to apologize to Ever Quinones, KB2CMV, for overlooking his call, also have to include the fact I also loused up Cindy's call (N2ESB) and Hal's (WA2UJR) as well but have it all straightened it out on the computer list.

Have printed the committee vacancy list at the end.

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COMMITTEES

Ham O Rama.....
Ham O Rama.....
Jamboree on the air.....
Membership.....
ARRL New/Renewal.....
Field Days.....