

CROSS TALK

THE OFFICIAL ORGAN OF

THE GLOUCESTER COUNTY AMATEUR RADIO CLUB INC.

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STAFF

Editor	Bernie Cohn K2OJX
Ass't Editor	Woody Frantz K2AQL
Reporter	Woody Frantz K2AQL
Publisher	Paul Walton W2YNR
Printers	Eric Walton WA2FMO David Walton

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TENNESSEE VALLEY INDIANS

CHAPTER I

Due to its length and the amount of typing involved the following article will be printed in three parts. It is not the intent of yours truly to take any credit for the composition, as it is, with little exception, a direct reprint of an article in the April issue of 73 magazine written by Gray Berry, K2SJK entitled "Eight Little-Nine Little Tennessee Indians". As chairman of your Club TVI committee, I found this article so completely true to form, that I felt every club member should read and heed. "Amen".

There have been many articles, more than a few books, a section of the ARRL Handbook and so on dealing with the mechanics of interference suppression at the transmitter, or in the TV set. Most hams aren't on the air very long before they run into a need for this material. There is no intent in this article to deal with such matters as low and high pass filters, shielding, stub antenna's and so forth; what we think may be helpful is a list of some of the remarks that are thrown at our TVI Committee by more or less (usually less with a capital "L") understanding neighbors - and possible ways to cope with them.

Probably the most common accusation is worded more or less like this:

"You're deliberately interfering with my ball game" This usually occurs in the last half of the ninth, score tied and the winning run on base - (no matter what the hour)

Assuming that the TV owner is willing to listen, we find an answer like this "MAY?" calm the situation.

The ham says: "Mr. Madguy, look at it this way. We hams are on the air to try to reach other hams. They are listening on parts of the radio bands where they expect to hear other hams. And that's where they are sending out their calls. So why would a ham go on the air on a frequency where no one can hear him or call him? Besides, if we go on any other frequency except those that the FCC assigns to us, we face loss of license, a fine and even a jail sentence."

So he asks "Then how come I hear you"

And you have a chance to explain quietly and calmly (because he "MAY?" be honestly interested in finding out!) all about signal rejection and so forth. But a word of warning - shun the "snow job" to show how much more you know than he does. He still doesn't like hearing your CC over Mel Allens mellifluous tones. Tell him the whats' and whys' in words of one syllable. Lose his train of thought and you're on your way back to an angry neighbor.

So much for the first of our ten little indians.

"You're an amateur; my professional service man told me....."

Now here is a real curve! Because the service man told the T.V. set owner that nothing could be done about interference (Don't laugh-plenty of them will do just that!) you are now on the spot doubly. In the mind of the set owner, you are at fault (naturally) and Mr. Paid-for-what- he's supposed-to-know has said nothing can be done about it. Of course, you know better, but how will you tell the T.V. set owner without reflecting on his judgment?

We've found one helpful come-back to this one. "Mr. Madguy, the Olympics were just held in Rome (or the Tennis matches at Forrest Hills, etc.) Those competitors were all "Amateurs" simply because they didn't get paid for their skills and knowledge. As a matter of fact, amateurs developed TV in the first place. Amateurs made the first cross-ocean short wave contacts, first coast to coast short wave, etc., etc., ending up with "Moonbounce" and "Project Echo". The only reason we are called "Amateurs" is because the Federal Government that gives us our licenses says we cannot be paid in any way for what we do. (Careful, now!) We have to pass an examination before we can go on the air; not very many service men take any test at all."

So now you know something afterall, in the mind of your irate neighbor. Next step is to convince him something can be done about his TVI. By the time you've had even two complaints, you'll find one that has been cleaned up to the complete satisfaction of the set owner. It's a smart move to ask him if you can have any other set owner check as to the success. If you once have one or two pleased complaints, the rest is easy. Just refer your latest TV owner to one or two others in the neighborhood ...and to the sets you "know" are clean next door, or in the same building. "See, there's proof of what I've been saying; something "can" be done."

Indian Number Three "Of course, its' your fault; I never had any interference before you put that thing on the air!!"

Ask him to think about it this way; suppose he has a hole in his roof. So long as the sun shines, he doesn't even know its there. But let the rains come, and that self-same hole lets in the water. If it doesn't rain for months, the roof is still going to leak as soon as the rain does fall. And a TV set that will let interference creep in is just like that roof. If it isn't "your" station, it will eventually be someone else's. What you want to do is plug the hole before the rain comes.

At this point, you are ready to talk about the set makers and the way they will supply a "High Pass" filter. So you tell the set owner that he can get the filter by working through a regular service man or your Club TVI Committee. (We have one, you know) This invariably leads to Indian Number Four.

"Why should I spend a cent? You do it."

What he means is; pay for a service call, or install the filter himself.

Think you know the answer to this one? Well, see Chapter II in next months issue and see how your answer stacks up with the highly recommended answer

73's and a minimum of TVI to you

George K2SOL

PLEASE REMEMBER TO BRING YOUR BADGE ALONG TO MEETINGS

EDITORIAL

The Gloucester County Amateur Radio Club is now nearly 2½ years old. For a club to exist for this short period of time, I feel that we have made great progress when we consider the following; Although our constitution and bylaws do not prohibit hams from other counties from being members, the membership is composed of nearly 100% Gloucester County hams. There are approximately 130 hams in the county. From this number 65 are members of the club. I can not remember any club meeting that there were not at least 25 members attending. Most of the meetings are attended by at least half of the membership. In other words we always have 1/3 or more of the members out to each meeting. The club has been active in Field Day for the past two summers and plans are underway for a bigger Field Day operation this year. Our two Christmas parties were memorable occasions. We had over 200 in attendance at our first hamfest, for which we received many favorable compliments from non-members who were present. Although the club has been in existence only a short time, our code and radio theory class services for future hams has been sought by several civic groups to conduct courses in their own communities. At present we are conducting successfully, a code class at the Pitman High School. A more recent civic endeavour being performed by the club is the preparation of a mobile civil defence control center in a used school bus purchased by the county.

After being reminded of the many achievements listed above, I feel that we should be proud of our small club. Also we should be inspired to become more active in such activities and programs that will make the club even greater. This does not necessarily mean to get more new members but to become more active in some endeavour of the club that you feel you would be most useful in doing. Just a few of the activities a member could be active in are field day, hamfest, transmitter hunts etc., civil defence, Crosstalk, membership drives, club station and many other. Perhaps you may wish to suggest some other activities of interest for the club. There are many activities that only require a few hours work per month. The only problem is that someone will take the responsibility to see that they are done. Our club is going along in great style but we feel that it could do even better if more members were active on committees and pitch in when needed.

I hope to see you at Field Day de K2AQL

FIELD DAY RULES

Field Day will be June 24th and 25th. Please get in contact with a sub- for the band and type of operating you are interested in doing. Also come out to help to erect antennae etc., the evenings of June 21st, 22nd and 23rd. Final plans will be made at the June 7th meeting. Do to the fact that the field day site includes a swimming pond, we must post a few strict rules. No one will be permitted to swim alone and no swimming after 9:00 pm (or after darkness whichever is earlier). Any one not complying to these rules of safety will be removed from the site.

All operators who will participate in field day are requested to study the 1961 ARRL Field Day Rules on page 50 of June 1961 QST Magazine.

PLEASE WEAR YOUR BADGE AT THE CLUB MEETINGS

6/61

OFFICIAL BULLETIN NR 799

FROM ARRL HEADQUARTERS WEST HARTFORD CONN MAY 8 1961
TO ALL RADIO AMATEURS BT

THE ARRL BOARD OF DIRECTORS HELD ITS ANNUAL MEETING AT ANAHEIM, CALIF., ON MAY 5, 1961. ARRL WILL REQUEST FCC RULES PROVISIONS FOR SLOW SCAN FACSIMILE IN VOICE SECTIONS OF THE 10 AND 15 METER BANDS, AND TO ELIMINATE THE REQUIREMENT FOR CW IDENTIFICATION BY RTTY STATIONS.

THE BOARD VOTED TO SUPPORT FCC PROPOSALS NOW PENDING TO PERMIT CONDITIONAL CLASS EXAMINATIONS FOR CIVILIANS OVERSEAS, DOCKET 14025, AND TO PERMIT WORLD WIDE MARITIME MOBILE OPERATION ON 14 MC, DOCKET 14026. THE GENERAL MANAGER WAS INSTRUCTED TO MAKE STRONG REPRESENTATIONS TO GOVERNMENT AGENCIES TO EXPEDITE ENACTMENT OF RECIPROCAL LICENSING AGREEMENTS WITH FRIENDLY COUNTRIES.

THE BOARD ALSO REQUESTED AN INTENSIFICATION OF EFFORTS TO OBTAIN INCREASED OPERATOR PRIVILEGES IN 1800 TO 2000 KC, AND TO EXPLORE A POSSIBLE RELAXATION OF LOG KEEPING REQUIREMENTS FOR MOBILE STATIONS. THE BOARD EXPRESSED ITS SUPPORT OF BILLS IN CONGRESS TO ELIMINATE THE REQUIREMENT FOR A NOTARY PUBLIC STAMP ON AMATEUR LICENSE APPLICATIONS AND TO ALLOW EARLIER RENEWALS OF AMATEUR RADIO LICENSES.

THE DIRECTORS RESOLVED TO URGE U S AMATEURS TO KEEP THE TOP 15 KC OF 20 METERS OPEN FOR DX STATIONS USING SSB. BY-LAWS WERE CHANGED SO THAT CANDIDATES FOR DIRECTOR MUST HOLD GENERAL CLASS OR HIGHER LICENSES.

THE PUBLIC RELATIONS COMMITTEE WAS MADE A STANDING COMMITTEE OF THE BOARD. A QST COVER PLAQUE WILL BE AWARDED THE AUTHOR OF THE BEST QST ARTICLE EACH MONTH. DIRECTOR DENNISTON WAS ELECTED, AND DIRECTORS MEYERS AND KAHN REELECTED, TO ONE YEAR TERMS ON THE EXECUTIVE COMMITTEE. THE GENERAL MANAGER WAS ASKED TO STUDY THE POSSIBILITY OF SECURING ISSUANCE OF A U S POSTAGE STAMP COMMEMORATING THE 50TH ANNIVERSARY OF THE LEAGUE IN 1964. THE MEMBERSHIP AND PUBLICATIONS COMMITTEE WILL STUDY PUBLICATION OF A TEN YEAR INDEX OF QST AND A NEW VHF HANDBOOK. HIGHLIGHTS OF THE MEETING WILL APPEAR IN JUNE QST AND THE FULL MINUTES IN THE JULY ISSUE AR

OFFICIAL BULLETIN NR 800

FROM ARRL HEADQUARTERS WEST HARTFORD CONN MAY 19 1961
TO ALL RADIO AMATEURS BT

FOR ALL DX WORKERS AND AMATEURS INTERESTED IN THE ARRL COUNTRIES LIST, THE FOLLOWING INFORMATION WITH EFFECTIVE DATE OF CHANGE IN THAT LIST IS NOW ANNOUNCED. MALFELC ISLAND: CONFIRMATIONS FOR CONTACTS WITH MALFELC ISLAND STATIONS MUST BE DATED NOVEMBER 15, 1965 OR LATER. THE PREFIX HKØ HAS BEEN USED FOR OPERATION FROM MALFELC. DXCC CREDIT CLAIMS FOR THIS ADDITION RECEIVED BEFORE AUGUST 1, 1961 WILL BE RETURNED WITHOUT CREDIT. FOR A MORE DETAILED ANNOUNCEMENT OF THE ABOVE SEE DXCC NOTES JUNE 1961 QST AR

SWAP AND SHOP

For Sale Heath C-1 Condenser Checker \$7.50
 Heath all band receiver \$15.00
 This is a real good for a first receiver or even a
 standby, or monitor.
 Heath Laboratory Signal Generator \$25.00
 Heath AT-1 Transmitter \$20.00
 contact Jim Peck W2LVW

For Sale Heath DX100 Transmitter
 Astatic DNHZ Dynamic Mike
 Heath QX-1 Q Multiplier and power supply
 Advance Coax antenne relay
 contact Tad Deuber W2CKX

For Sale Heath "Sixer" 6 meter Transciver . . . excellant stability.
 Six meter Halo antenna
 12 volt "Sixer" mobile power supply
 (note: "Sixer" is wired for 12 volts or 110 volt operation)
 All 3 units above for \$50.00

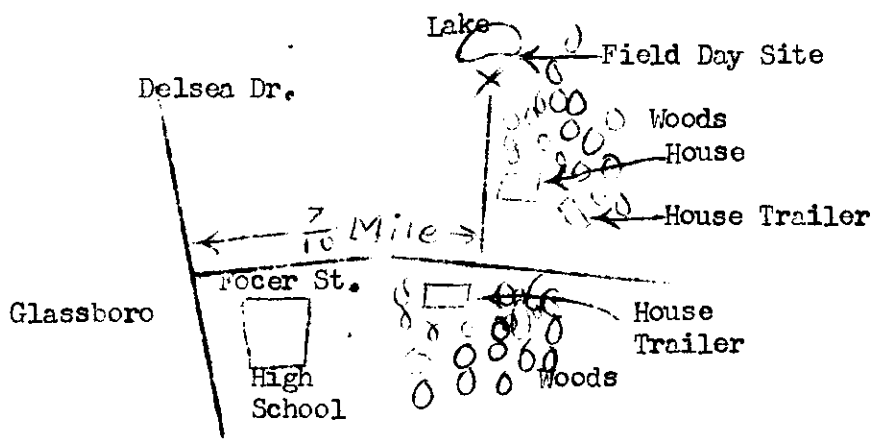
2 size 4F Selsyn motors 110 volts \$3.00
 Bud Gimix Wavemeter \$3.00
 Bud code oscillator, phone and CW Monitor \$7.00

Brand new never used Minneapolis-Honeywell Dual
 voltage transistorized power supply (mobile) Cost
 \$55.00 Will sell for \$40.00
 Contact George Stuart K2SOL

For Sale All kinds of ham gear too numerous to list here
 Contact A.C. Rehm W2CEU

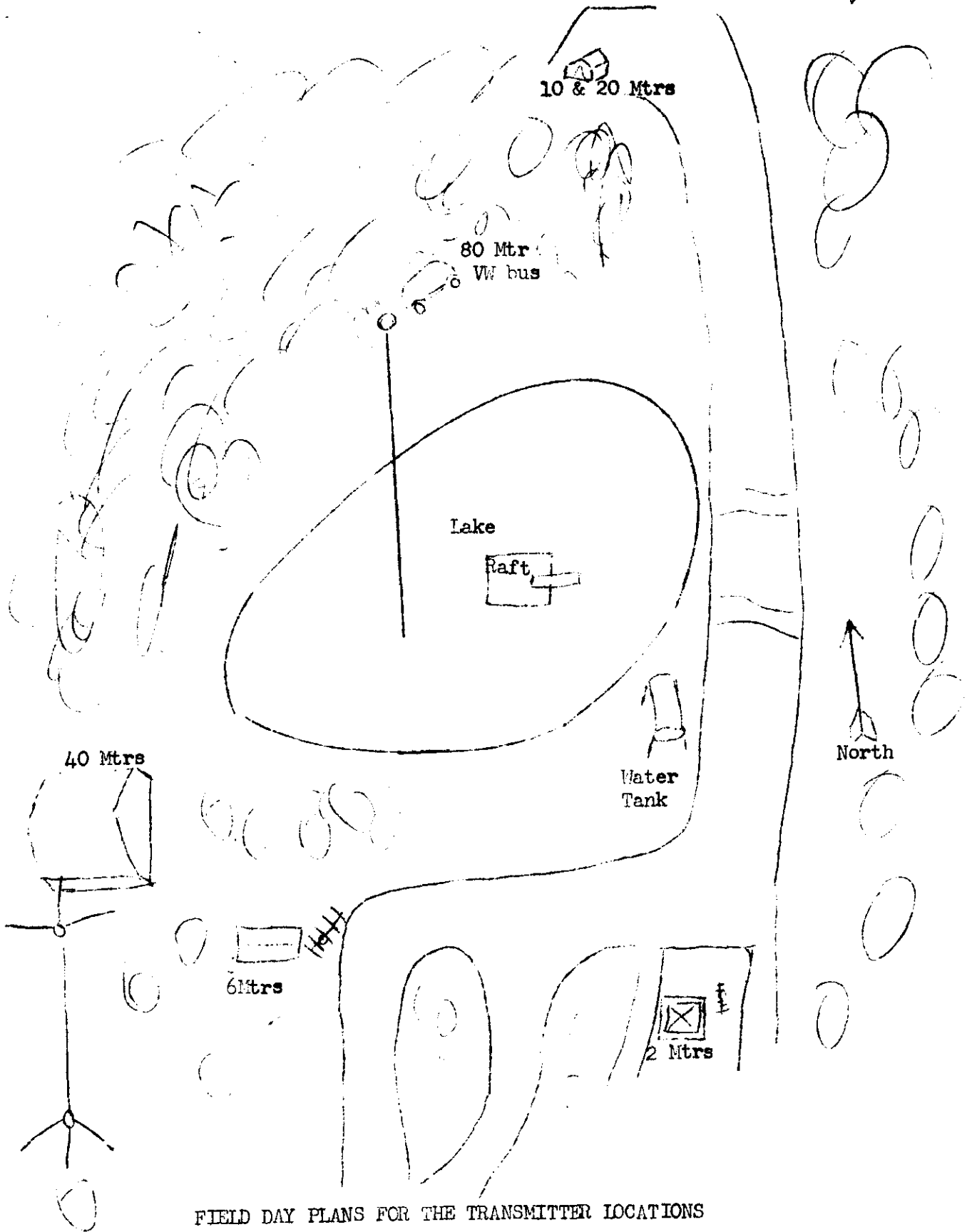
Wanted to buy A used deep well pump, electric, in working condition.
 Contact Tad Deuber W2CKX

Wanted Someone who can make drawings for the front cover of Crosstalk
 on stencils. Here is an opportunity for some young promising
 artist.
 Contact Woody K2AOL Asst. Editor



Map for finding
 The Field Day Site

6/61



FIELD DAY PLANS FOR THE TRANSMITTER LOCATIONS

MINUTES
BOARD OF DIRECTORS
Home of P. Walton-W2YNR
111 Sylvan Terrace
Glassboro, N.J.

Present:

K2SOL W2CKX W2KE W2YNR W2MMD
K2AQL W2LWV W2AFZ K2PQD

Minutes of the previous meeting were read and corrected.

Membership applications were received for:

David Roberts
Will Dolby-K2OHX

Both applications were unanimously approved.

Committee Reports

Program: W2KE reported that Cumberland Co. Radio Club decided not to take part in the Tri-county meeting and, therefore no such meeting will take place. Instead, a joint meeting will be held on the regular meeting night (Wed., June 7th.) with Salem county, at the Owens-Illinois clubhouse. Refreshments will be courtesy of C.C.A.R.C.

W2KE pointed out that efforts to set up a tri-county meeting are continuing.

Awards: W2FYS is waiting for QSL's to receive his award.

TVI- See "Little-9 little-10 little Indians" in this issue.

Membership: An application from C.P. Thompson, WV2PGJ was reviewed and accepted.

C.D.- The mobile unit is about completed. Numerous pieces of gear have been received. Emergency Citizens band operation from the unit was discussed. It was agreed that C.D. drill will be held only once a month during June, July and August.

Licensing: W2CKX reported that seven students have passed both code and written exams for novice. About seven more have passed code. W2KE proposed continuing the classes in the fall to include the general class operation. A vote of thanks was extended to Doug Gehring for his efforts.

Pam Shack: Nothing to report.

Pam Fest: Our present Pam Fest Date is Sept. 17 at Molia Farms. However, according to Molia, The S.J.R.A. Pam Fest is Sept. 10th. and if they are rained out our date is the 24th. After some heated discussion it was decided to hold up until this situation has been remedied. Jake Garrison is still a possibility.

Field Day: The Field Day operation is discussed in detail in this issue of CrossTalk.

Publicity: W2YNR will publicize our meeting, and Field Day.

Cross Talk: Copies of Cross Talk will be exchanged with the Mahony Valley Brass Pounders for their paper. Their publisher is: James Miller, K3KNP

Raffles: The meter raffle will be at our next meeting, and privileges will be extended to our guests.

Old Business:

A suggestion was made that club officers and past presidents be given colored badges for their identification. It was also suggested that a board be set up to hang buttons and pick them up on meeting night. After some discussion it was agreed to first stress the need for wearing the buttons to see what action could be obtained voluntarily.

Field day operation on 50, 40 and 20 meters will be strictly for points this year. Positions will be manned wherever possible by experienced contest operators.

W2YNR suggested that a Planning and Policy Committee be set up, to help plan the clubs actions to best help the amateurs cause. After some discussion it was decided that this was one of the main duties of the Board and the idea of a formal committee for this purpose was discarded..

It was decided that no float would be attempted for the fourth of July parade.

A code practice oscillator was requested for the code classes.

Wally Martin will repair the speech amplifier at the club house.

The meeting was adjourned at 2245 EDST after which delicious refreshments were served.

Respectfully submitted

W2YNR

P.S. W2YNR has a six meter yako for sale.