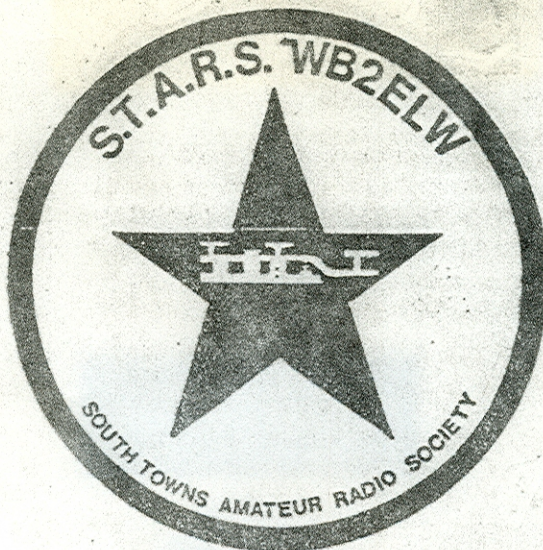


# TELSTAR

KB2EQV  
STEVE YEKICH  
716-825-8049



BUSINESS MEETING JANUARY 4th AT THE YOUTH CENTER AT &7:30  
\*\*THE BOARD MEETING WILL BE HELD 45 MIN. BEFORE THE BUSINESS MEETING\*\*

Well with all the confusion with X-mas and all I did not post the new election result, I will try to have them next month, also DUES ARE DUE so see Frank WG2H(address on back of telstar) for renewal.

### WANTED

WANTED 10 or 12 amp power supply, reasonable price-GARY 823-0055

12/12/89

Fellow Club Members;

This is a short request to find out what you, the club members would like. I have recently had several ideas put to me. One of them is to have a shorter club meeting, time wise, and some time after for coffee and doughnuts, cost to be shared by all the participating members.

The other is for some tours where all of us could go on, on an off meeting night, first suggestion was the Erie County Sheriffs Radio tower, WBEN radio, the Huntly power Plant. Well I do not have the power to say one way or the other, but I can sure suggest this to the board and we as a club can vote on it.

Maybe a more active club is what is wanted, or maybe not. Please let us the board members know. Any one who has any suggestions please feel free to call me at 823-0055 5 pm. to 7:30 weekdays. This don't mean that I am going to be the chairman for these ideas but I will put them up for a vote.

Thankyou,

Yours truly  
Gary C. Wood KB2ESN  
Board Director

During the summer months several club members volunteered their time and labor at the Nike base, in a big effort to remove and repair the damaged triband beam on top of the 70 foot tower. A few weeks later after modifying some parts and installing new coax the beam again was in excellent working condition.

While operating at the base during summer, the main H.F. radio has been the old Kenwood TS520, which has a broken switch and problems with the band switch being intermittent, causing no output power.

Since the antenna was working so well and we seemed to have some renewed interest in H.F. operating, I thought how great it would be if the club could afford a new, small, compact H.F. radio. After discussing some different ways of getting the money needed without going into the general operating and repeater fund (which we did not want to do) we came to a dead end and put the project on standby.

Recently I was paging through CQ and QST looming at the ads of new equipment and I saw some of the compact broadband no tune rigs - ICOM 735, KENWOOD TS440, and others, and my thoughts again wandered off thinking of a way to raise the money to buy one of these beauties.

Looking around my shack I noticed there was some equipment that I would probably never again need or use, that had some value. Realizing other members would have similar equipment, I called a few. I explained my idea of raising money, by club members donating equipment related to Amateur Radio or some other form of electronics. All agreed it was a good workable plan and they would offer their help and some items. Receiving a positive response from those members I spoke to, encouraged me to write this article.

The first place I went to was my employer because I knew we had some equipment that they might consider donating. To my surprise their response was good and we now have about 10 items from this donation alone. Our plan is to contact each member in an effort to donate equipment which will be sold to either members, taken to hamfests or possibly an auction. This method of raising the money will insure the general and repeater fund will stay intact and will be used for the future expansion of our excellent repeater system.

In closing I hope all members will help us reach our goal of purchasing a new H.F. radio by participating in this drive and make the S.T.A.R.S club one of the BEST total clubs in the area.

BOB WITT  
WA2IQX

GOSSIP COLUMN

Well, hope everyone enjoyed the Dec. meeting and installation of officers plus the nice get together after the meeting. My compliments to the XYL's & YL's that made all the nice cookies. They looked so good that I had to try them all.

We are in a different room now and the acoustics are much better and enjoyable. Hope we can hold our future meetings in the same room for the upcoming year.

By the way, how many of you copy code practice text on W1AW? You know that they overhauled the station and made some changes. The new frequencies are (some are the same) 3.58, 7.08, 14.07, 21.08 and 28.08. The times are still the same, so good luck and good practice.

The 2 mtr net on Wed. and the 80mtr net on Saturday need more check-ins so it is up to you, the members, to participate and check in. If not they will be forced to close up for lack of interest. You know if you are unable to attend the meetings why at least listen to the nets to keep up on the latest info about the club.

I hope everyone that is artistically inclined submits a design for a new club QSO card. As you know I gave up the club station trustee position & John KA2RFT is now the new trustee. We need to have a card with his address on it. A few years ago we had a lot of fun submitting cards and it was nice to see the different designs that were submitted. By the way, the prize for the best card is a year's subscription to your favorite Amateur Radio magazine for 1 yr. so come on artists lets get a good one submitted so the club can be proud to send them out.

You know the other day I had three 3 way electric light bulbs that were burned out (or so I thought) I ran a continuity test on them and found only 1 filament in each burned out, so I soldered a small piece of copper wire between the center connector and the Round Ring next to it. NOTE: do not solder from the screw side, and much to my surprise they all worked. Not as bright as before but good enough to use in table lamps.

See you at the January meeting  
Guz WB2EZX

If anyone is interested in buying or selling Amateur Equipment you can check into the traders net every monday and friday at 8pm est on 3898. Also on sunday afternoon there is the HOSS Traders net on 3992 at 9pm EST

For those who need help in solving a problem with their rig or need some general info, there is a users net on 14318 +/- every Sunday. Times are as follows. Icom 1pm, Yaesu 2pm and Kenwood at 3pm EST

BOB WITT WA2IQX

## VE REPORT

STARS will hold a VE test session on Apr. 11 at The Hamburg JR. HS rooms 117/119, 360 division st. Hamburg. Tech - Extra exams will be given. Send your 610 application, a copy of your license, a check for \$4.95 made out to ARRL/VEC, & a copy of any CSCE certificate that will be used at this session, please indicate what exam elements you want to take. sent all info

:VE CONTACT

MATT GORSKI NS2M  
6117 Broadway  
Lancaster, N.Y. 14086

Lancaster ARC will hold test sessions on Jan. 17, Feb. 21, & Mar 21. Send all info to Matt NS2M

DICK HAUNGS W2UJR  
VE LIAISON

USING TOUCH-TONE PADS  
Larry Shannon K2KVS

When I got on two meters a couple of years ago, the idea of using the Autopatch appealed to me very much. The hardware I was using (and am still using) is from the '70's and didn't come with built-in Touch-Tone capability.

Initially, I solved the problem with a little tone dialer from Radio Shack. This works OK, but it's a little inconvenient to dial in the car. It takes one hand to key the mike and another to work the dialer. That doesn't leave many hands to steer with.

So, I ripped apart an old six-line phone that I had which couldn't be used in the house. It had a nice TT pad in it, but it seemed to have an awful lot of wires coming out of it. The unit used all solid state parts, and the chip has 18 pins while the data sheet on it shows 16 pins. I was at a loss as to what to do, so I did nothing for about a year.

Recently, N2GAO donated an old Bell pad to me. At the Niagara Falls Hamfest a year or so ago I picked up one of those nice boxes with square holes punched in it and it looked ideal for making a little console for the car. The Bell pad is well documented and I assumed I was home free.

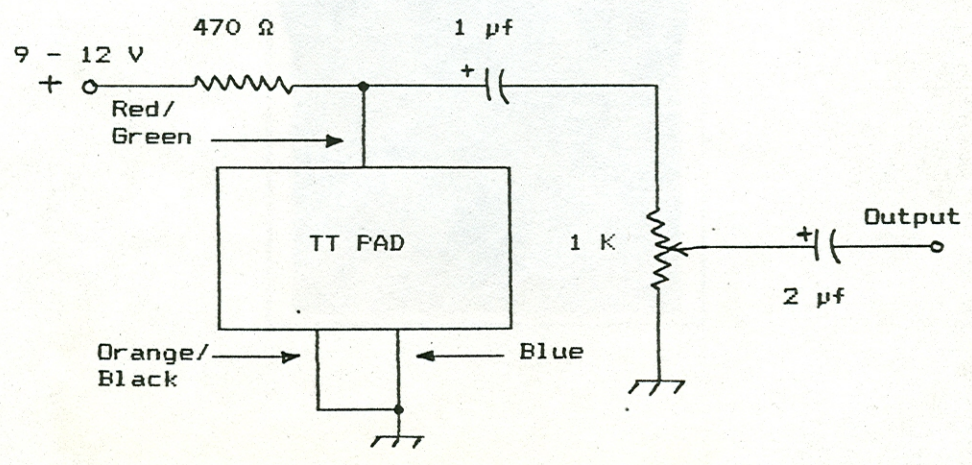
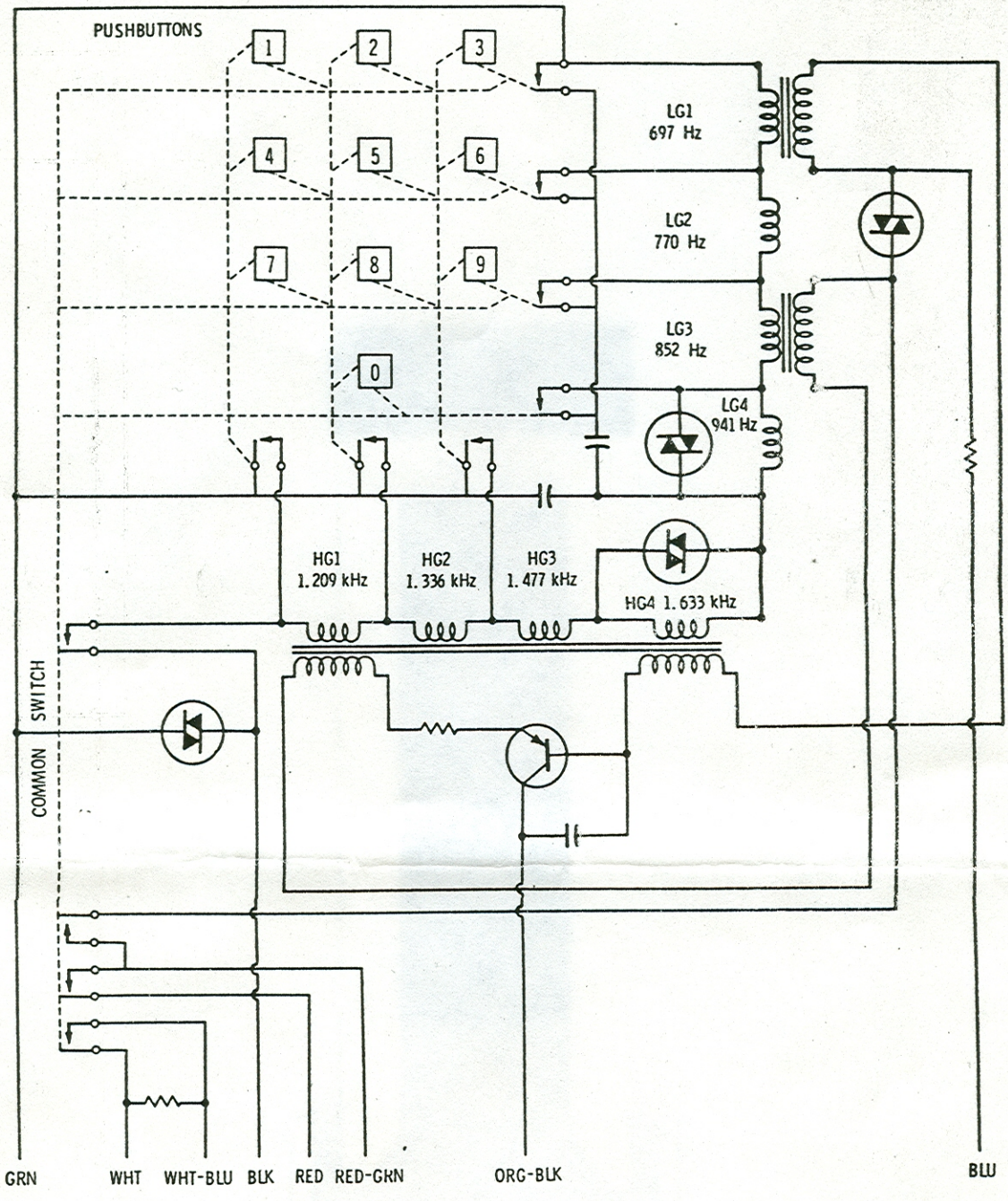
When I got the pad home, I looked at it closely. It, too, seemed to have a lot of wires coming out from it. In fact, when I compared the Bell pad with the other one, the number of wires and their color coding was identical! Hmmm.

A quick library search yielded a couple of schematics. The big one is from Bill Orr's Radio Handbook. This is the schematic for the original Bell pad with the big potted inductors on it. The other schematic is a sample hookup from the 1978 Handbook.

Apparently, the only connections necessary are those shown in the Handbook drawing.

Quickly lashing up a test jig, I determined that, sure enough, the Bell pad worked as advertised. I was still unable to get the newer pad to make tones, but that's a project for another day. The next step is to integrate it into a little console for the car.

Next month, I'll continue on with a progress report.



OFFICERS AND BOARD OF DIRECTOR

PRESIDENT = BILL SISKA = N2GAO  
VICE PRES.= JOHN LEITTEN = KA2RFT  
SECRETARY = ADRIAN GEOGESKI = N2HPR  
TREASURER = MAL VALLONE = WA2VER  
FIN.SECY. = FRANK MODZELEWSKI = WG2H  
DIRECTOR = NICK STANKO = N2IBC  
DIRECTOR = VOIT DRANKAN = KA2WIO

BUSINESS MEETING =1st THURSDAY

1930 Hours(7:30) =YOUTH CENTER

BOARD MEETING =4th TUESDAY

1900 HOURS =YOUTH CENTER

S.T.A.R.S. NETS

75 METER NET= EACH SATURDAY AT

1000 HOURS = +/- 3925 KHZ

2 METER INFO NET= EACH WEDNESDAY AT

1900 HOURS = 147.69/.09

10 METER NET= EACH TUESDAY AT

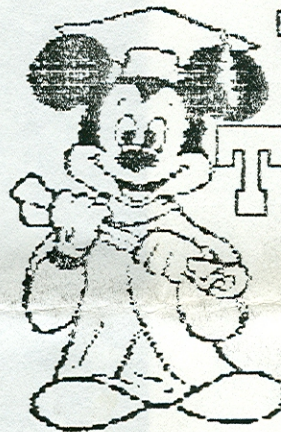
2000 HOURS = +/- 28.420 KHZ



**DUES REMINDER**

Single \$15  
Family \$23  
Student \$8

Frank Modzelewski WG2H  
1816 Clinton St.  
Buffalo NY 14206



**WE TESTS  
TEST SITES**

**RAVE HOTLINE**

**876 - 6593**

CALL FOR  
TESTS - SCHOOLS

S.T.A.R.S.  
STEVE YEKICH  
4340 CHISHOLM TRAIL  
HAMBURG NY, 14075



1998  
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To:

John Cullum Jr.  
KB2ESM  
6871 E. Webster Rd.  
Orchard Park, N.Y. 14127