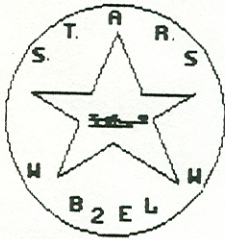


# TELSTAR

December 1990 #121



The Monthly Newsletter of S.T.A.R.S.  
Southtowns Amateur Radio Society

Club Station WB2ELW

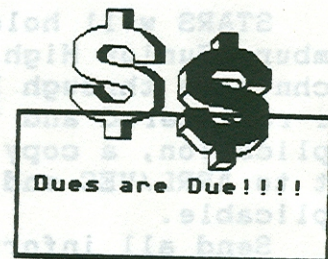
Next Meeting : December 6, 1990

Steve Yekich KB2EQV  
716-825-8049



## HO! HO! HO! CQ ALL STARS!!!

Don't miss the December Meeting as we will be having our annual Christmas Party and Installation of New Officers.



At the next STARS meeting on December 6th we have our annual X-mas Party. The club will supply the pizza and drinks. If you wish to bring along any other goodies, you are more than welcome to bring them along with you.

Members are reminded that DUES ARE DUE. See or mail dues to Frank Modzelewski WG2H, 1818 Clinton St., Buffalo NY 14206. They are the same as last year and are listed on the back of the Telstar. If you do not pay the dues until next year, your Repeater Codes will come late, so please renew early.

I would like to thank Bob KB2JHY for the extremely nice job he has been doing on the front and back cover of the Telstar the past couple of months.

Steve KB2EQV Editor

Well, STARS did it again. Never a dull moment at the meeting. The November meeting was election of officers and it went over in fine shape. Here I made up a big chart to hang on the wall and put in the nominated officers. I had special ballots and a handful of pencils so that everyone could mark their choice. Well, we did not need any of this. It is a tribute to the 1990 officers that the members wanted them for 1991 also. Our new 1991 officers are:

President: Bob Witt	WA2IQX
Vice President: John Leitten	KA2RFT
Treasurer: Jack Cullum	<u>KB2ESN</u> KB2ESM
Financial Secretary: Frank Modzelewski	WG2H
Secretary: Dave Baco	WA2TVT
Director: Bob Sender	KB2JHY

The December meeting will be the installation of officers and open house where all the families and friends of STARS get together for a nice time. The club will supply the Pizza, drinks (Pop, coffee, tea, milk, hot chocolate) and as John KA2RFT has said, donation of other types of Finger Food will be most welcome. I sure hope the XYL that made the Brownies last year will honor us with a batch again. They sure were good. (I had three of them).

You know the poor custodian that takes care of the club room sure wishes we could get out of there at 10:00 PM which is closing time. We have such good programs and displays that no one wants to leave. At the November meeting Bob KB2JHY gave a very nice demonstration of a 2 meter power RF amplifier which puts out about 40 watts using a H.T. If anyone is interested in building one get in touch with Bob KB2JHY and he will assist you in getting the parts.

The January issue of the TELSTAR will give the run down of the highlights of 1990 and the progress that STARS made. If anyone has more details, please get in touch with me so we can give a better picture of the progress (as I don't want to miss some of the best parts).

New Members of STARS (not up-to-date due to illness of membership chairman):

Paul Chmiel, Tech - KB2KKG  
 Greg Young, Adv - KE2VW  
 Jeffery Koval, Adv - WB2FJY  
 Dennis Langhier, Gen - K2CEC

Happy Hamming  
 Guz WB2EZU

#### VEC TEST SESSIONS - DICK W2UJR

STARS will hold their next VE test session on Apr. 17, 1990 at the Hamburg Junior High School, 360 Division St. Hamburg NY, Rooms 117/119. Technician through Extra exams will be given. All candidates must be pre-registered and there will be NO WALK-INS. Please send your 610 application, a copy of your license, a check for \$5.25 (The fee for 1991) made out to ARRL/VEC and a copy of any element credit certificate that is applicable.

Send all information to VE contact:

DICK HAUNGS W2UJR  
 11315 CARY RD.  
 ALDEN, NY 14004-9547

If you need information for STARS test sessions call: Norm KD2KK 824-1148  
 Lancaster ARC will hold VE test sessions on Dec. 12, 1990; Jan 16, Feb 20 and Mar 20, 1991. Send 610 applications etc to Me-W2UJR.

If you need information for Lancaster test sessions call: Stan N2IAE  
 887-6608

Dick Haungs W2UJR  
 VE Liaison

On Saturday, October 20th, The Nike Base played host to J.O.T.A. About 30 Cub Scouts and parents from the Hamburg area got their first exposure to talking to other Scouts around the world via Amateur Radio. Contacts were made with other Scouts from the Netherlands, Germany, England and South Africa. The ages of our group were from 6 to 9 years old and were from various packs from Hamburg. All youngsters and their parents enjoyed hearing from other Scouts around the world talk about their events and the activities taking place.

There were many members of our club who participated. I would like to thank Bob KB2HWY and his wife Mary N2KWD for organizing this event at the Nike Base and introducing the kids and their parents to the procedures of Amateur Radio. Thanks also goes to Tony WA2ZFU, Bob KB2JHY, and John KA2RFT for their support at the Base.

Special thanks goes out to Frank K2VTK and his crew, Gary KB2ESN, Ralph K2ZUW, and Bob WA2KTW, who stood watch the whole weekend at Spraguebrook. Also thanks to Terry KM2XZ for taking up his stand at Fort Niagara State Park.

I personally want to thank all who participated in JOTA and making this a very successful event for the Scouts and our club.

Bob WA2IQX

---

J.O.T.A - Spraguebrook Park by Frank K2VTK

October 20, 1990 at 0730Z. I was camped out with Boy Scout Troop 525 from St. James Church, Hamburg NY when I was joined by an excited Ralph K2ZUW. Now I want to refresh your memory of that Saturday morning. It was 26 degrees and plenty of frost. My first cup of coffee wasn't brewed yet. But ZUW wanted to get on the air.

Within one half of an hour an HF and VHF station were placed on the air. First the club's all-band vertical was set up at the great height of 8 inches off of the ground. The rig, a Kenwood TS-440S was powered by a commercial 12 volt battery. The rig was connected and antenna checked out to a SWR of 1.5:1 without an antenna tuner. A ringo ranger was then set up for 2 meters and we were all ready to operate.

Right on! The first contact was logged PA1WGV\J. Now we decided that DX was not the way to go. With a quick QSY to 40 meters we were in business for JOTA - Jamboree-on-the-air.

It didn't take long for the sound of young scout voices from all over the east coast to be QSO-ing about their troops, school, sports, and even the thought of someday becoming a ham too.

Our location, along side of the road in front of our campsite proved to be very popular. The scouts viewed the many DX QSLs that I mounted on a board and exhibited on an easel.

That morning we were joined by Bob WA2KTW, who enjoyed working with the boys answering the many questions that cropped up. He even explained QRP.

Afternoon operations were manned by Gary KB2ESN, Mary N2KWD and her OM Bob KB2HWY. The demonstration of 2 meters, autopatches and the use of the STARS repeater were in their capable hands. Some scouts even called home.

There were 18 contacts made that Saturday. It doesn't sound like a lot but let's not forget that some contacts lasted over an hour. Scouts from Michigan were in roundtables with scouts in camps in Maryland. Of course we had great signal reports from atop of the mountain at Spraguebrook Park.

Once again I wish to thank those STARS members who came out to give me a hand. My special thanks to John KA2RFT, who helped me with the antenna, coax and some heavy duty battery connectors. John also provided me with some hand-outs that explained what ham radio is. I know the scouts really enjoyed themselves. Now my thoughts are to next year. Maybe we can get some more modes and rigs out and on the air. Battery or solar power is the way to go.

My best of 73's  
Frank K2VTK

The station we set up was at Fort Niagara State Park. The station was at the camporee for the Polaris District of Greater Niagara Frontier Council. Approximately 1100 Boy Scouts and Cub Scouts attended the Camporee.

We operated off a picnic table beside Lake Ontario. Equipment was a Kenwood TS-440S running barefoot into a Cushcraft R-5 vertical antenna. QSO's were primarily on 10 meters SSB. The highlight of the day was working HB9S at the World Scout Bureau (the international Boy Scout headquarters) in Geneva, Switzerland. We also worked JOTA stations in Italy, Columbia, Barbados and Vancouver, B.C. The YL operator from Barbados was confused by my KM4 call sign and said she wasn't trying to work me, she was trying to reach the Niagara Falls scouts. I had to assure her that I was operating portable 2, and that we were the Niagara Falls scouts. Jack GM3ZVF, in Fife, Scotland heard us talking about Fort Niagara and called us to say that he had camped in the area and was very familiar with our location. Non-JOTA stations were worked in Texas, California, Louisiana, Florida and Utah. Many scouts had a chance to talk to scouts in other areas and learned a little about amateur radio.

I had a great time and would encourage other amateur operators to participate in the Jamboree-on-the-Air next year.

Terry KM4XZ

Below and on the next page are some facsimile broadcast schedules that I have copied on HF. If you have any questions about them just give me a call on the radio or telephone.

Steve KB2EQV

NOAA NATIONAL WEATHER SERVICE SAN FRANCISCO, CALIFORNIA

RADIOFACSIMILE SCHEDULE TRANSMITTED VIA U.S.C.G.

POINT REYES, CALIFORNIA (NMC) 6 FEB 90

TIME	AREA	CHART	TIME	AREA	CHART
1500Z		TEST PATTERN	2345Z	5	18Z SURFACE ANAL
1503Z	1	SATELLITE PICTURE	0145Z		TEST PATTERN
1515Z	2	SATELLITE PICTURE	0149Z	5	SFC FCST VALID 00Z
1715Z		TEST PATTERN	0200Z	5	SEA FCST VALID 00Z
1719Z	6	12Z TROPICAL ANAL	0300Z		TEST PATTERN
1730Z	5	12Z SURFACE ANAL	0304Z	1	SST ANALYSIS
1741Z	2	SATELLITE PICTURE	0315Z	4	SST ANALYSIS
2015Z		TEST PATTERN	0326Z	1	SATELLITE ANALYSIS
2019Z		RADIOFAX SCHEDULE	0339Z	4	SATELLITE ANALYSIS
2030Z	2	SATELLITE PICTURE	0500Z		TEST PATTERN
2041Z	3	SATELLITE PICTURE	0504Z	5	00Z SURFACE ANAL
2330Z		TEST PATTERN	0515Z	5	EXTENDED SFC FCST
2334Z	6	18Z TROPICAL ANAL	0526Z	6	E PACIFIC SST ANAL

AREAS: 1:30N-50N, EAST OF 132W 2:05N-55N, WEST OF 100W  
 3:05N-55N, EAST OF 130W 4:28N-40N, EAST OF 136W  
 5:30N-60N, EAST OF 160E 6:20S-30N, EAST OF 160W

TRANSMISSIONS ASSIGNED FREQUENCIES KHZ  
 1500Z 1715Z 2015Z 2330Z DAY 8682. 12730. 17151.2 22527.  
 0145Z 0300Z 0500Z NIGHT 8682. 12730. 17151.2 4346

FOR CARRIER FREQ SUBTRACT 1.9 KH

COMMENTS ON SCHEDULE OF CHARTS ARE INVITED. PLEASE  
 WRITE TO NATIONAL WEATHER SERVICE, 660 PRICE AVENUE,  
 REDWOOD CITY, CA 94063. VISIT US WHEN IN PORT.

Rack mounted FM transmitter and receiver for free. GE-FM radio transmitter 50 watts model 4etic 148-174mhz GE FM radio receiver model 4er9a1 type er9 148-174 mhz. The transmitter and receiver are tube type. A 48"x22" rack comes with it. Dave K2ECK 649-8436

Microamtor patch interface. AEA-64/2 for CW, RTTY, ASCII, and AMTOR. To be used with Commodore 64 computer. You only need the key board and monitor to operate (no disk drive) for operation including a power supply and manual. \$90.00 or trade for a Commodore 64 keyboard with power supply. Guz WB2EZU 627-3724

Tentec Argonot Model #505 QRP CW, SSB Transmitter. \$190.00 Matt K2MAC 876-3259.

Wanted

For Packet, a 2 meter 35 watts transceiver with power supply and memory back up, and a vertical 2 meter antenna like a Ringo Ranger etc.etc. Guz WB2EZU 649-3724

Wanted

Getting back on the air, need a five band vertical for the winter 10-80 meters, and an antenna tuner. Val N2LJG (X=K2KQC) 649-6684

CANADIAN FORCES METOC CENTER HALIFAX  
 1300 HALIFAX, NOVA SCOTIA B3K 8X0  
 CANADA  
 WEATHER INFORMATION SERVICE  
 TRANSMITTING ON

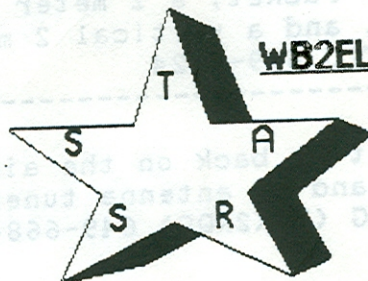
LF: 122.5 KHZ / HF: 4.271-6.930-10.536-13.510 MHZ

NO.	TRANS. TIME	CHART DESCRIPTION	VALID TIME
0001	0001-0001Z	SIGNIFICANT WEATHER DEPICTION	1200Z
0002	0001-0001Z	HCE CHART	LATEST
0003	0201-0201Z	500MB FORECAST WIND/TEMPERATURE/HEIGHT	18Z/00Z
0004	0301-0301Z	500MB ANALYSIS	0000Z
0005	0312-0301Z	SURFACE ANALYSIS	0000Z
0006	0401-0401Z	WAVE ANALYSIS	0000Z
0007	0401-0401Z	12HR SIGNIFICANT WAVE PROGNOSIS	1200Z
0008	0427-0401Z	500MB ANALYSIS	0000Z
0009	0501-0501Z	NAIIB HSOBARIC PROGNOSIS	0000Z
0010	0501-0501Z	NAIIB SHONHICANT WAVE PROGNOSIS	0000Z
0011	0501-0501Z	SHONHICANT WEATHER DEPICTION	1800Z
0012	0501-0501Z	SHONHICANT WAVE PROGNOSIS	1200Z
0013	0501-0501Z	500MB FORECAST WIND/TEMPERATURE/HEIGHT	18Z/00Z
0014	0501-0501Z	NAIIB HSOBARIC PROGNOSIS	1200Z
0015	0501-0501Z	ZS BST (ZFLD BST -MON-FRI-)	LATEST
0016	0501-0501Z	ZS BST (ZFLD BST -MON-FRI-)	LATEST
0017	1001-1001Z	SURFACE ANALYSIS	0600Z
0018	1001-1001Z	NAIIB HSOBARIC PROGNOSIS (REPEAT)	1200Z
0019	1014-1008Z	OFF TEST CHART (TUE-THU-SAT)	-----
0020	1014-1008Z	OFF TEST CHART (TUE-THU-SAT)	-----
0021	1201-1201Z	HCE CHART	LATEST
0022	1201-1201Z	SIGNIFICANT WEATHER DEPICTION	0000Z
0023	1201-1201Z	HCE CHART	LATEST
0024	1201-1201Z	HCE CHART	LATEST
0025	1201-1201Z	500MB FORECAST WIND/TEMPERATURE/HEIGHT	06Z/12Z
0026	1201-1201Z	500MB ANALYSIS	1200Z
0027	1201-1201Z	SURFACE ANALYSIS	1200Z
0028	1201-1201Z	WAVE ANALYSIS	1200Z
0029	1201-1201Z	12HR SIGNIFICANT WAVE PROGNOSIS	0000Z
0030	1201-1201Z	500MB ANALYSIS	1200Z
0031	1201-1201Z	NAIIB HSOBARIC PROGNOSIS	1200Z
0032	1201-1201Z	NAIIB SHONHICANT WAVE PROGNOSIS	1200Z
0033	1201-1201Z	SHONHICANT WEATHER DEPICTION	0600Z
0034	1201-1201Z	SHONHICANT WAVE PROGNOSIS	0000Z
0035	1201-1201Z	500MB FORECAST WIND/TEMPERATURE/HEIGHT	06Z/12Z
0036	1201-1201Z	ZS BST (ZFLD BST -MON-FRI-)	LATEST
0037	1201-1201Z	ZS BST (ZFLD BST -MON-FRI-)	LATEST
0038	1201-1201Z	HCE CHART	LATEST
0039	1201-1201Z	HCE CHART	LATEST
0040	1201-1201Z	HCE CHART	LATEST

# S.T.A.R.S

## Board of Directors

President: Bob Witt WA2IQX  
Vice Pres: John Leitten KA2RFT  
Treasurer: Mal Vallone WA2VER  
Finc. Sec: Frank Modzeleuski W62H  
Secretary: Jack Cullum KB2ESM  
Director: Dave Baco WA2TUT  
Director: Frank Weinstock K2UTK



## Club Meeting Place

Hamburg Youth Center  
Located at Prospect and Hawkins St.  
Club Meeting, First Thursday of the Month at 7:30 PM

Business Meeting, Fourth Tuesday of each month at the Youth Center  
at 7:00 PM.

## Southtowns Amateur Radio Society

### S.T.A.R.S

Steve Yekich  
4340 Chisholm Trail  
Hamburg, N.Y. 14075

### STARS RADIO METS

75 Meters - Every Saturday  
at 10:00 AM, 3.925 +/- MHZ  
  
2 Meters - Every Wednesday  
at 7:00 PM, 147.69 / 89 MHZ

### TO ARS:

JOHN CULLUM JR KB2ESM  
6871 E. WEBSTER  
ORCHARD PARK NY, 14127



25 USA  
Comanche



### Dues

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