

TELSTAR

JUNE 1990, #115



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

Club Station WB2ELW

JUNE MEETING EVENTS

We will show the following videos.

Anstat Satellite Launch

B2 Stealth Bomber and
U22 Osprey Tilt-Rotor
Aircraft

H.F. Radio Party !!!!

Steve Yekich KB2EQV
716-825-8849

Come celebrate !!!!!

See the new H.F. Radio the club has purchased, with all its accessories and what the H.F. Fund has done for the Club!!

ICOM 735 H.F. RADIO
BUILT IN KEYS
CW FILTER
REMOTE SPEAKER
SM-6 MICROPHONE
BENCHER PADDLE
MFJ TUNER
ICOM HEADPHONES
ALPHA ANTENNA SWITCH

FREE DOOR PRIZE

PIZZA AND POP

BOB MITT
NR2IQX

CALL IN ON
223.04/64

2nd Annual

CALL IN ON
147.09/69
146.55 SIMPLEX



Lancaster Hamfest Buffalo, New York



Sunday, June 3rd 1990
Joseph's Country Manor
Formerly Depew Grove
Same Place as Last Year
Depew, New York

8:00 A.M.
to
5:00 P.M.

Lancaster Amateur
Radio Club, Inc.

- GOOD FOOD
- FREE PARKING
- INDOOR SPACE FOR DEALERS
- DOOR PRIZES
- RAFFLE
- OUT DOOR FLEA
- REFRESHMENTS

Major Prizes — Major Prizes — Major Prizes

- ICOM IC 725 - 100 W Transceiver
All Band, General Coverage
- 2 Meter - Handheld
Transceiver

Major Prizes — Major Prizes — Major Prizes

ADMISSION TICKETS

Advance Sale	\$3.00
At Door	\$4.00
(10 & under FREE)	

- Admission includes 8ft. of outdoor Flea market space. Large paved area.
- Additional \$2.00 per 8ft.
- Indoor Flea \$4.00 per table Reserved in advance

HOW TO GET THERE!

See other side

2nd Annual



Lancaster Hamfest Buffalo, New York

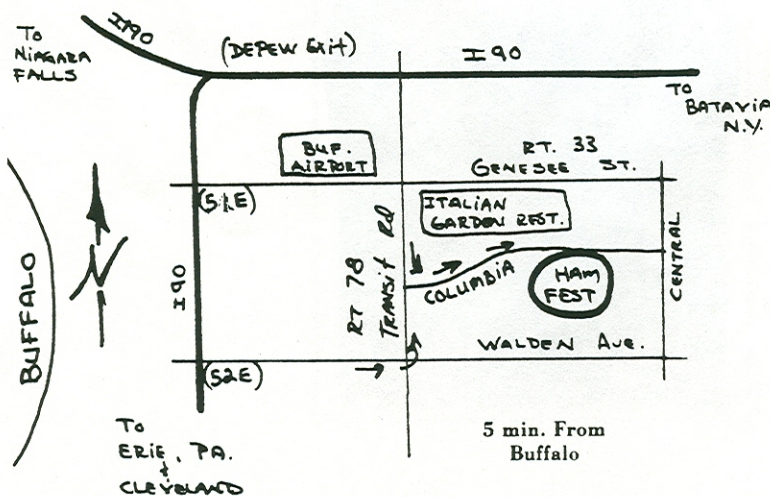


Sunday, June 3, 1990

For More Information:

Indoor Space
Al Lincoln
2779 Stony Point
Grand Island, NY 14072
716-773-4336

Luke Calianno, Pres.
1105 Ransom Road
Lancaster, NY 14086
716-683-8880



5 min. From
Buffalo

CALL IN ON
147.09/69
223.04/64

THE BUSINESS MEETING IS GOING TO BE ON JUNE 7TH, 1990 AT THE YOUTH CENTER SEE FRONT PAGE.

THE BOARD MEETING IS GOING TO BE ON JUNE 25 AT THE YOUTH CENTER.

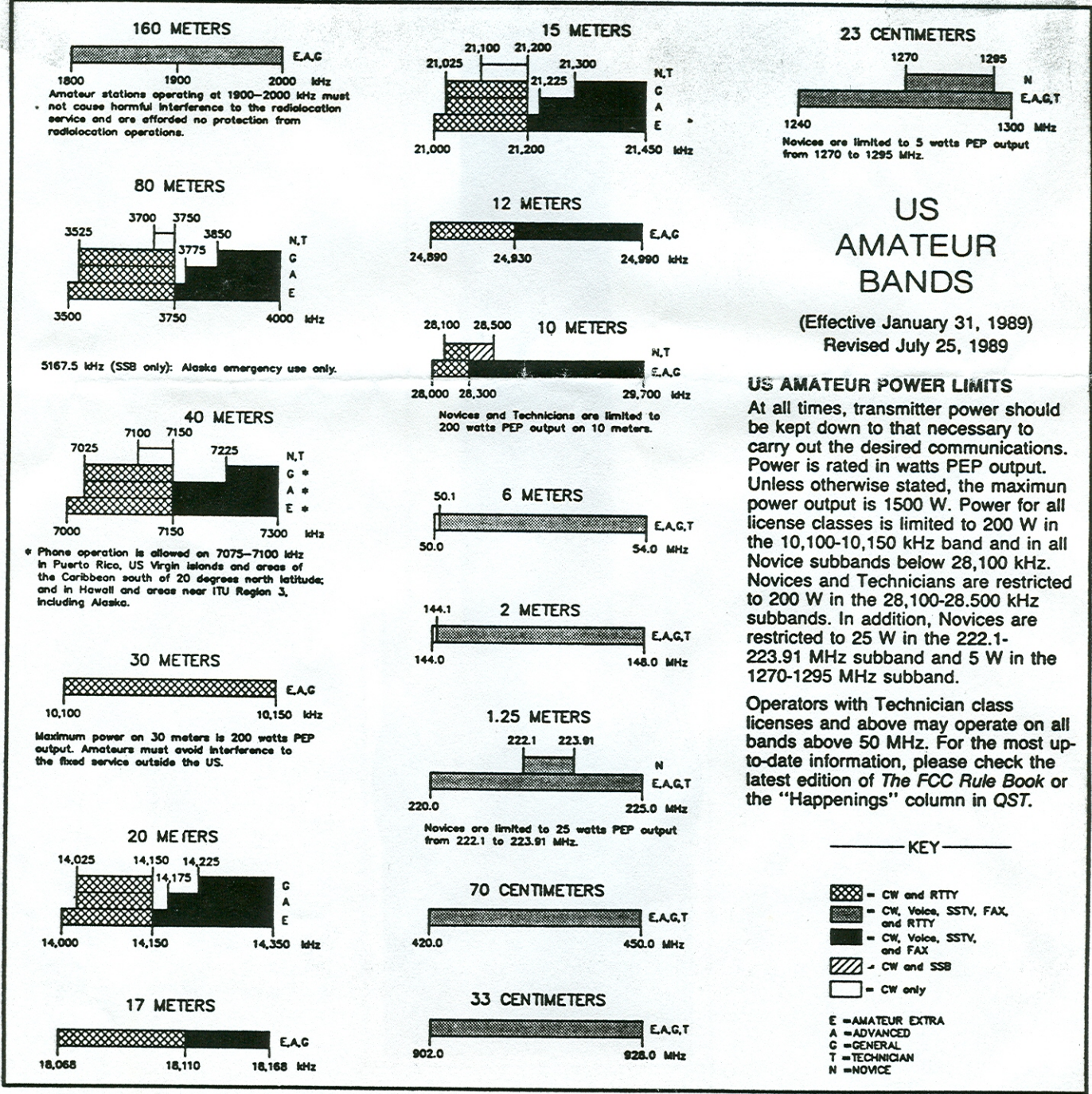
LANCASTER HAMFEST = ~~SATURDAY~~ JUNE 3RD SEE FLYER.

BATAVIA HAMFEST = SUNDAY JULY 8TH AT ALEXANDER NY.

SWAP N'SHOP = SATURDAY JULY 28TH, SEE NEXT MONTH TELSTAR FOR FLYER.

WE STILL NEED ABOUT FOUR MORE PEOPLE FOR THE MS BIKE TREK ON SATURDAY JUNE 16TH CONTACT STEVE KB2EQV AT 825-8049 IF INTERESTED IN HELPING.

THE NIKE BASE WILL BE OPENING ON MONDAY JUNE 4TH AT 7:00-7:30 PM. A COUPLE MONDAYS AGO WE CLEANED UP THE SHACK, WE ARE ALSO GOING TO PAINT THE SHACK SOON. AS YOU ALREADY KNOW WE HAVE THE NEW ICOM 735 HF RIG THAT WE WILL BE OPERATING AND THERE IS STILL SOME ANTENNA WIRE LEFT SO STOP BY ON MONDAY NIGHTS



US AMATEUR BANDS

(Effective January 31, 1989)
Revised July 25, 1989

US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W. Power for all license classes is limited to 200 W in the 10,100-10,150 kHz band and in all Novice subbands below 28,100 kHz. Novices and Technicians are restricted to 200 W in the 28,100-28,500 kHz subbands. In addition, Novices are restricted to 25 W in the 222.1-223.91 MHz subband and 5 W in the 1270-1295 MHz subband.

Operators with Technician class licenses and above may operate on all bands above 50 MHz. For the most up-to-date information, please check the latest edition of *The FCC Rule Book* or the "Happenings" column in *QST*.

- KEY
- = CW and RTTY
 - = CW, Voice, SSB, FAX, and RTTY
 - = CW, Voice, SSB, and FAX
 - = CW and SSB
 - = CW only
- E = AMATEUR EXTRA
A = ADVANCED
G = GENERAL
T = TECHNICIAN
N = NOVICE

THE GOSSIP COLUMN

Well, by now everyone that uses our two meter repeater will notice a big difference in reception and also transmission of signals. The repeater was overhauled and a different antenna installed. One article of interest was the discovery of water inside the coax that ran vertical from antenna to repeater, although the joints were all water-proofed, mother nature had other ideas. The water got in on the top connector and ran inside the outer coax covering down to the next connector and corroded it very badly. Hopefully that is what was making the reception noisy lately. So good luck for the summer now.

The Nike base club room is open by now, get in touch with the committee for days and hours that it will be open. The first few days, I understand, will be for clean-up and the removal of unwanted equipment from the storage area.

Don't forget that the club owns a small unit to install ground wires around your shack and it can be borrowed by members, it works on electricity and does a fine job of putting the ground wires 2 to 3 inches deep in your lawn.

My 80 meter dipole was knocked down over the winter months. It was 125 feet long and cut for 3925 KHZ and has worked very well over the last 10 years, So I decided to put up another G5RV all band dipole (this is the fourth one I have made) but this time I decided custom built it for certain frequencies on five bands. I started out with 110 feet on the flat top and 40 feet of 400 ohms open ladder line for matching line to the transmitter. It is up 30 feet. After 3 weeks of pruning for low SWR I ended up with 102 feet on the flat top and 25 feet of 400 ohm on the coax lead in. It works well on all five bands at the frequencies that I wanted it to. In fact I ran the STARS net (3925 KHZ the other Sat. and got 5x7 reports from Belmont, N.Y., Syracuse, N.Y., Pittsburg, P.A. but on my 80 meter dipole I always got 5x9 reports so there is some sacrifice for the multi mode antenna. Now remember this, Antenna must have an antenna tuner in the circuit in order to get a 2 to 1 SWR on all bands or else a built-in tuner in your transmitter. As a bonus I found out that I can also use it on CW portion of the bands also with a SWR of 2 1/2 tol.

Happy Hamming
GUZ WB2EZU

NOTE: If you signed up for the tour at MOOG at the last two business meetings, It will be held on May 31 at 7:00 P.M. Bob WA2IQX will contact you before the tour.

Well, Field Day is just about here. This year it is going to be on June 23 and 24 of 1990. It is going to be at the Hamburg Moose Club on Church street in the town of Hamburg. If you have never been there and need directions from Buffalo, take South park ave. into the Town of Hamburg make a right on Legion dr. go up a little way and make a left on Camp rd, continue on Camp until you see Church street on the right hand side, turn right, and just after you cross over the Rail Road tracks you'll see the Moose Club on the right hand side.

We will be setting up at 11:00 AM on Saturday and start transmitting at 2:00 PM. We will also be using our new ICOM 735 HF rig and also have a couple of other rigs to operate other bands and modes, like CW etc... We usually use two or three gas generators and have many different antennas. Last year we had a balloon filled with helium and sent up a long wire a couple hundred feet, SO COME ON OUT AND JOIN US THIS YEAR, YOU WILL HAVE A LOT OF FUN AND LEARN ALOT OF DIFFERENT THINGS

WHY RADIO AMATEURS ARE CALLED HAMS

HAVE YOU EVER WONDERED WHY RADIO AMATEURS ARE CALLED "HAMS"? WELL IT GOES LIKE THIS.

The word "HAM" as applied to 1908 was the stations operated by some amateurs at the Harvard Radio Club.

They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY, at first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU". Using the first two letters of each of their names.

Early in 1909 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO", They then decided to use only the first letter of each name and the station "CALL" became "HAM".

In the early pioneer days of unregulated radio amateur operators picked their own frequency and call letters, Then as now, some amateurs had better signals than commercial stations. The resulting interference came to properly limit amateur radio activity.

In 1911, ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH, a member of the committee hearing the BILL. The senator was so impressed with the thesis that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL. The Bill finally got the the floor of Congress and every speaker talked about the "... poor little station HAM".

That's how it all started. You will find the whole story in the congressional record. Nation-wide publicity associated station "HAM" with amateur radio operators, from that day to this, and probably till the end of time in radio:

An amateur will always be a "HAM"

Submitted by NORM KD2KK

Lancaster ARC will hold VE test session on June 20. Send your 610 application, a copy of your license, a check for \$4.95 made out to ARRL/VEC and any element credit certificate that would be applicable. Please indicate what elements you want to take. There will be NO WALK INS and the registration will be limited to 10 people or 15 elements. Send all information to

VE CONTACT:
MATT GORSKI NS2M
6117 BROADWAY
LANCASTER, NY 14086
PHONE #683-1720

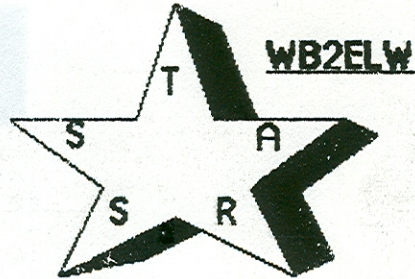
NOTE: BOB WITT WA2IQX IS THE STARS NEW VE LIAISON STARTING IN OCTOBER 1990.

Well if you haven't already noticed the way the new repeater sounds and how much better it works, it because we put up a new Diamond two meter base antenna and took down the other antennas. Those people who took their Sunday day to help us put up the antenna were: N2GAO BILL, KB2YJ GARY, WA2IQX BOB, KA2FT JOHN, KA2RFW RANDY, WB2RAJ KASH, KB2EQV STEVE, KB2ESM JACK, KB2ESN GARY, K2PPK BOB, KB2CQO BRIAN, KB2HWY BOB, WA2PCH CRAIG, N2FMM CLINT, KB2JHY BOB AND FINALLY PHIL VE3DQK FOR HELPING WITH SIGNAL REPORTS. In addition to putting up the new antenna we put up new coax cable, Gary KB2ESN donated his two meter isopole for a backup antenna. THANKS GUYS FOR HELPING

S.T.A.R.S

Board of Directors

President: Bob Witt WA2IQX
Vice Pres: John Leitten KA2RFT
Treasurer: Mal Vallone WA2UER
Fin. Sec: Frank Modzeleuski W62H
Secretary: Jack Cullen KB2ESM
Director: Bill Siska M2GRO
Director: Gary Hood KB2ESN



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 Vekich
4348 Chisholm Trail
Hamburg, N.Y. 14875

STARS RADIO NETS

75 Meters - Every Saturday
at 10:00 AM, 3.925 +/- MHz

2 Meters - Every Wednesday
at 7:00 PM, 147.69 / 09 MHz



Dues

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

TO ARS:

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

