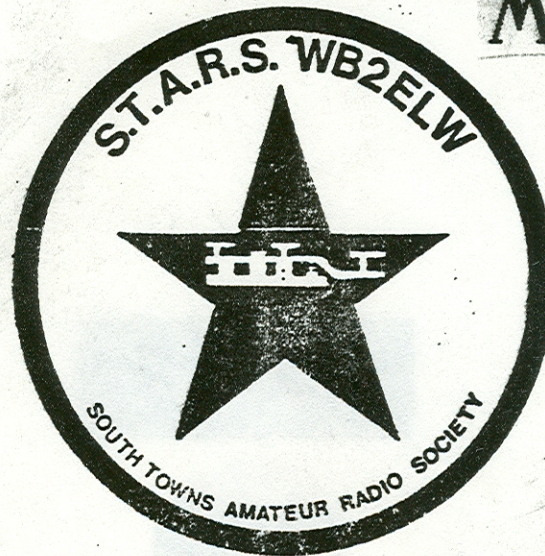


TELSTAR

KB2EQV
STEVE YEKICH
716-825-8049



MAY 1990 #114



BUSINESS MEETING = 3TH OF MAY AT THE YOUTH CENTER IN HAMBURG AT 7:30PM.
BOARD MEETING = 22 OF MAY AT THE YOUTH CENTER AT 7:00PM.
2ND ANNUAL LANCASTER HAMFEST = SUNDAY 3RD OF JUNE.
2ND ANNUAL TRI-COUNTY ARS SWAP 'N SHOP = SATURDAY, JULY 28TH.
10TH ANNUAL BATAVIA HAMFEST = SATURDAY, JULY 9TH.
ONE HECK OF A TREK BIKEATHON = SATURDAY, JUNE 16TH SEE INSIDE.
FIELD DAYS = SATURDAY & SUNDAY 23, 24TH OF JUNE.

AT THE NEXT STARS MEETING WE WILL BE DISCUSSING FIELD DAYS, THE NIKE BASE AND OTHER MATTERS. IF THERE ARE ANY CALL CORRECTION'S, LICENSE CLASS ETC CONTACT ME AT THE # LISTED ABOVE.

NIKE SITE SUMMER NITES

Now hear this, now hear this! The Nike site summer use is just around the corner. There are two co-chairmen for the Nike site and they are Gary KB2ESN, and Steve KB2EQV. We will be opening the Nike site on JUNE 4, 1990. The time will vary a little from week to week, by this I should say that we do not hold the time strictly at 1900hrs. The time will always be between 1900-1930hrs every week during the summer. There will be some times that we will not be there when it is lighting or thundering, and heavy rain nights. All members are welcome to come out to use the new club rig that we should have by the opening. You can also bring your own rig if you wish, knowing that not everyone has a triband beam antenna around. Also don't forget if there is a higher class licence person there you can transmit in his class at the club site. The Nike site is located on Lakeview Rd. at the Hamburg Lakeview Recreation Area, in the town of Hamburg. To get there from town is to go from Rt.62 just on the other side of camp rd. turn right at Evans St. go over the R.R. tracks and continue on Lakeview rd. past Moncton Dr. and past Smith Rd. just a little ways down the road start to watch to the right and you will see the club antenna. There is a V.F.W. post across the road, just as a land mark. We all hope to see you there from time to time, if not to operate the rig, just to chew the rag.

Co-chairman
Gary KB2ESN

GOSSIP COLUMN

Hope everyone enjoyed the April meeting with the interesting talk on packet radio. Time sure goes fast when you are watching something everyone is talking about. Maybe you did not notice but the antenna was outside in the parking lot and signals were normal with the temporary set up.

Well the STARS, VE program for April is history, there were twelve that took the test. Some went through five elements during the evening. I am sure Dick W2UJR will give the statistics on the progress of the test. Remember that Lancaster ARC has the VE test in the upcoming months so get in touch with Matt NS2M to sign up for another session during this year. You know when you take your CW code test you have two chances to pass, one by answering the right amount of questions and another way is by having one full minute of solid copy that the VE checks on your paper. But, please write clearly as it is difficult to determine what some letters are that you put down of paper. So don't cheat yourself out of another chance to pass.

Don't forget, the two nets that STARS runs every week are run for passing info to all of you so please check in.

Bob WA2IQX and his committee are still soliciting your surplus equipment that you have around you shack in order to sell item and use the money for a new rig for the club, they did very well at the last hamfest and it won't be long before we will have the new rig

Happy Hamming
GUZ WB2EZU

WB2ELW YOUTH CENTER Operating Hours/Rules

Monday, Tuesday, Wednesday-3:30 p.m to 5:00 p.m
7:00 p.m to 10:00 p.m
Saturday-9:00 a.m to Noon

Youth Center Personnel must be in the building at alltimes.

1. Before using club equipment on your own, you must show or be shown how to use it. (e.g How to load rig, adjust transmatch.)
2. Reservations must be made before hand. (NO WALK INS). Call the Youth Center between 9:00 a.m and 4:00 p.m at 649-6170. Check for open times. (Have your name and all those in your party put on calendar.)
3. A licensed youth must be accompanied by an adult, unlicensed youth must be accompanied with a licensed adult.
4. You can only use your license privileges
5. ALLcontacts must be logged with your call.
6. Clean up the shack before leaving, Check out of the building with Youth Center personnel.

KA2RFT Trustee for WB2ELW

FOR SALE

KENWOOD TS-120S TRANSCEIVER, KENWOOD PS-30 POWER SUPPLY, KENWOOD PHONE PATCH PC1.
TELEX CM1210, BOOM MIKE AND EARPHONES, DELTA W2 WATT METER.
10, 15, 20, 40, 80 METER ANTENNA AND COAX CABLE, DESK MIKE TURNER +3B PLUS ANTENNAS FOR CAR AND HOUSE \$700 FOR ALL
WIDEN PRESIDENT HR 2510 FREQ 26.000 TO 30.000KHZ, CB AND HAM RADIO TEXAS STAR DX 250 AMPLIFIER \$400
CALL LOU ESPOSITO AT 683-7706

VE TEST SESSION'S

STARS will not have another VE test session until sometime in October, so I thought it would be a good idea to present the statistics of our VE test sessions for STARS and Lancaster ARC. I have been VE liaison for both clubs since November 1986, and the same Volunteer Examiners work at both STARS and LARC VE test sessions.

Included are the results of STARS 4/11/90 test session. We conducted 26 test sessions, examined 284 candidates and administered 427 exam elements. The results are as follows:

EL IC 20 WPM	EL 1B 13 WPM	EL 3A TECH
TOTAL 53	109	120
PASSED 20	44	91
FAILED 33	65	29
PERCENT PASS 38%	40%	76%

EL 3B GEN	EL 4A ADV	EL 4B EXTRA
TOTAL 76	44	25
PASSED 56	38	20
FAILED 20	6	5
PERCENT PASS 74%	86%	80%

TOTAL UPGRADES: TECH-73 ADV -32
GEN -39 EXTRA-13

The results of the STARS 4/11/90 test session is as follows:

EL 1C 20 WPM	5 WERE GIVEN	3 PASSED
EL 1B 13 WPM	6 WERE GIVEN	3 PASSED
EL 3A TECH	3 WERE GIVEN	3 PASSED
EL 3B GEN	3 WERE GIVEN	3 PASSED
EL 4B EXTRA	3 WERE GIVEN	3 PASSED

I want to thank Guz WB2EZU, John KA2RFT, Tony WG2Q, Matt NS2M, Bob WA2IQX and Joe N2BGJ for assisting at the test session,

Lancaster ARC will hold VE test sessions on May 16 and 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

Bob Witt WA2IQX will be taking over the VE Liaison for STARS, starting in October 1990.

DICK HAUNGS W2UJR
VE LIAISON

ONE HECK OF A TREK!!

Radio Amateurs with 2 meter equipment are being sought for the 100 Mile MS Bikeathon scheduled for Saturday, 16 June 1990. The course runs from Chestnut Ridge Park to Allegahany State Park. Contact Denis Uminski, N2HP, at work at 847-3482, or evenings at 873-6073.

CALL	FIRST LAST	ADDRESS	CITY	ZIP	PHONE C
K2CEK	DAVE TINKHAM	S 7335 HICKORY DR.	HAMBURG	14075	649-8436 E
K2GDG	WILLIAM MAHAR	13096 BULLIS RD.	EAST AURORA	14052	652-6684 T
K2KBC	VAL ORGERA	4776 LILYDALE DR.	HAMBURG	14075	649-3154 S
K2KYS	LARRY SHANNON	5615 TRUSCOTT TERR.	LAKEVIEW	14085	627-3157 E
K2HAF	EMMETT BERARD	9142 SHANTZ AVE.	NIAGARA FALL	14304	283-5008 A
K2PPK	BOB HARO	480 OSTRANDER RD.	EAST AURORA	14052	652-5643 A
K2R0D	DICK DUKAT	15 SHERWOOD DR.	LANCASTER	14086	684-3837 E
K2SBL	ROBER BEAN	808 HILL RD.	EAST AURORA	14052	652-3800 G
K2VTK	FRANK WEINSTOCK	234 MAIN ST.	HAMBURG	14075	648-6669 B
K2YKE	KEN HAAS	243 CROSBY BLVD.	BUFFALO	14226	834-4083
K2ZUV	DAVE ROSNER	113 HENLOCK DR.	WEST SENECA	14224	674-2969 B
K2ZUM	RALPH CHANEY JR	132 N. WILLOW	EAST AURORA	14052	652-4044 E
K2ZCFI	STEVE JOHNSTON	3401 BIGTREE RD.	HAMBURG	14075	T
K2ZGXS	JOHN WATERHOUSE	2095 BLAKELY RD.	EAST AURORA	14052	652-1344 G
K2ZHXJ	VINCE ORLOWSKI	102 STANLEY ST.	BUFFALO	14206	892-9041 T
K2ZMHC	ROBERT TESTI	178 EDEN ST.	BUFFALO	14220	822-8006 G
K2ZJEX	BILL WACH	31 DARWIN DR.	DEPEN	14043	683-7612 G
K2ZKYG	BRIAN GASTLE	52 COLLINS AVE.	WEST SENECA	14224	823-5765 G
K2ZMLK	BOB MCLEERY	356 MAYNARD DR.	AMHERST	14226	837-6522 T
K2ZNGG	JAMES LINNAN	151 SUNNYSIDE DR.	WEST SENECA	14224	674-4903 T
K2ZNM1	BILL WALKDEN SR	117 EAST AVE.	WEST SENECA	14224	674-0871 S
K2ZQLH	KEN BROWN	S 3590 GRAFTON AVE.	BLADELL	14219	823-8734 G
K2ZR0T	STEVE LEITTEN	6120 MCKINLEY PKWY.	HAMBURG	14075	648-0341 A
K2ZRTI	JOHN LEITTEN	6120 MCKINLEY PKWY.	HAMBURG	14075	648-0341 A
K2ZRFW	RANDY SCHUELER	4611 LEWIS DR.	HAMBURG	14075	649-1923 A
K2ZRGA	CHUCK LEITTEN	6120 MCKINLEY PKWY.	HAMBURG	14075	648-0341 T
K2ZTTP	FRED VELOT	2543 SUNSET DR.	EDEN	14057	992-9160 G
K2ZTTT	LARRY LOCKER	5052 COLLEGE ST.	HAMBURG	14075	649-2770 T
K2ZNCU	RALPH MILLER	3384 B16 TREE RD.	HAMBURG	14075	627-9705 G
K2ZM10	VOIT DRANKHAN	S 8117 BOSTON ST. RD.	HAMBURG	14075	941-5569 N
K2ZHYE	BOB KOSTER	5463 S. ABBOTT RD.	HAMBURG	14075	649-7272 T
K2ZLLZ	DARREN JEWELL	8 THONASTON LN.	ORCHARD PARK	14217	662-9440 G
K2ZRNA	MICHAEL HARRER	9 STEVEN DR.	CHEEKTOWAGA	14227	668-6010 N
K2ZAND	LOU ESPOSITO	18 CARTER ST.	LANCASTER	14086	683-7706 T
K2ZC00	BRIAN JEWELL	5918 MCKINLEY PKWY.	HAMBURG	14075	649-2839 T
K2ZEFK	STEVE ZAJAC	1371 LOSSON RD.	DEPEN	14043	T
K2ZED0	ANDY O'BRIAN	9082 CONCORD AVE.	FREDONIA	14063	672-5020 T
K2ZEVY	STEVE YEKICH	4340 CHISHOLM TR.	HAMBURG	14075	825-8049 T
K2ZESH	JOHN CULLUM JR	6871 WEBSTER	ORCHARD PARK	14127	662-7075 T
K2ZESN	GARY WOOD	73 MARTEMONT AVE.	BUFFALO	14220	823-0055 T
K2ZFEH	JOHN R. ULESKEY	88 LYNDALE COURT.	WEST SENECA	14224	826-2754 T
K2ZFRY	BERNARD RACZKA	140 E. GREEN ST.	DUNKIRK	14048	366-4336
K2ZHRZ	KEN RUSIN	13 NANTUCKET DR. WEST	CHEEKTOWAGA	14225	681-2789 T
K2ZHHY	BOB BOYLE	70 WOODLETT AVE.	CHEEKTOWAGA	14225	897-4424 T
K2ZIBS	LYNN LYHAN	77 SEERING DR.	DEPEN	14043	668-5092 T
K2ZICE	ED KOMALENSKI	3402 CLINTON ST.	WEST SENECA	14224	668-6920 T
K2Z1X1	GLENN KOSZKA	40 SCATTERTREE LN.	ORCHARD PARK	14219	823-0067 N
K2Z1Y0	FRANK GREEN	3668 LAKEVIEW LN.	WOODLAWN	14219	823-1056 N
K2ZJDB	JOE CLAUS	3407 EMERLING DR.	BLADELL	14219	882-9304 T
K2ZJHY	BOB SENDOR	1303 PEPPERTREE DR.	DERBY	14047	947-4909 G
K2ZVJ3	GARY ZANGHI	8399 MAIN ST.	ANGOLA	14006	T
K2ZSS6	CHUCK LOUISE	S 4763 CLIFTON PKWY.	HAMBURG	14075	627-7723 E
K2ZVH1	MARTIN	4288 BEETON DR.	HAMBURG	14075	649-0369 A
K2ZYB	NORM KOLODZIECZAK	203 MAPLE RD.	EAST AURORA	14052	652-2283 K

Enforcing PRB-1

Work together to override restrictive antenna ordinances.

by Gene B. Williams KA7FQW

We all know the value of amateur radio as a public service, especially in times of emergency: Earthquake, fire, flood—if there is a need for solid and assured communications, hams are there to help. Sometimes it's the only reliable communications available—maybe even the only communications.

A few years ago, the city of Mesa, Arizona, was threatened with flooding that could have knocked out all telephone lines in and around the affected area. The City Manager contacted Bill Falk of the Superstition Amateur Radio Club, and within hours local hams had mobilized to ensure continued communications. The City sent a letter of commendation praising the importance of amateur radio.

Then, on January 19, 1989, the City of Mesa adopted a new ordinance which restricted antenna height to 30 feet, with only one such antenna allowed per lot. This wasn't the first ordinance of its kind, and local restrictions of 30 to 35 feet are becoming common. A few areas have gone so far as to prohibit antennas for radio communications entirely. One, in Lakeside Park, Kentucky, prohibited external antennas for radio communications on the basis of aesthetics. However, the same place allowed external antennas for television reception.

PRB-1

The problem had become so severe that the FCC released PRB-1 (September 1985), a ruling that specifies that federal law takes precedence over local law, and that overly restrictive ordinances are against the public good. [PRB-1 is now incorporated in Part 97.15(E).] The Department of Defense added its own part to PRB-1, saying that such restrictions represent a threat to national security and to emergency preparedness.

The excuse often used by local governments who are familiar with PRB-1 is that it talks about allowances "... to accommodate reasonable amateur communications." Although PRB-1 does not specify a minimum height, case precedent and technical expertise prove that the minimum would be 65 feet, and higher in some terrains. Anything below this is automatically a violation of federal statute. Thirty feet might seem reasonable to a local official with little technical knowledge, but from an engineering standpoint it is totally unreasonable by federal statute.

In the past, such restrictions have been fought (and won) on an individual basis. Generally, this requires a great deal of both time and money—something every ham in the area has to face if the tower and antenna exceed the local restrictions.

What happened in Mesa changes all this. When the new ordinance took effect, the Superstition ARC banded together, not to secure variances on an individual basis but to overturn the ordinance entirely.

And they won! The original ordinance was defeated and modified to be more reasonable. This sets a further legal precedent which makes it easier for other communities to declare overly restrictive ordinances illegal. Two cities near Mesa, Glendale and Tempe, are already taking on city hall.

Teamwork, Knowledge, and Coordination

Group action gives strong support for an ordinance overruling. It also reduces the chances of the case ending up in court, and so tends to reduce overall costs.

Your main "weapon" is teamwork. Amateur radio clubs are a natural means of getting together for this purpose. Next, you must know the elements of the ordinance ("ignorance is no excuse"). It's easy to find out about it since it is a matter of public record. You can either buy a copy of the ordinance for a nominal fee, and, in most areas, they'll also be available for study at city hall and the municipal library.

The next step is coordination. Delegate someone in the club or group to take charge of handling correspondence and keeping the membership informed. This person should have experience dealing with red tape, and preferably a degree of written communication skills. Make sure to clearly delineate responsibilities.

No HTs!

Bringing HTs to the town board meeting when you present your case is asking for trouble. If the board or council members get the idea that communications are possible with an HT and rubber duckie, it'll be difficult to convince them that you need a 75-foot tower. Don't expect them to know the difference between local 2 meter communication and long distance HF. If they knew the difference, they would never have allowed the ordinance.

Formal legal assistance is always of value. Superstition ARC was lucky in that a local attorney, Neil Wake KV7O, volunteered his time. If you can do the same, you can greatly reduce costs. Even so, there will be some costs, and taking money from the club funds requires approval of the membership.

Get the ARRL Kit

Your first line of defense is the FCC's PRB-1. You can obtain copies from the FCC in Washington, DC 20554. It was also pub-

lished in the November 1985 issue of QST. Even better, send a 9x12 self-addressed envelope (SASE) with \$2.05 in postage attached to the Regulatory Information Branch of the ARRL. Request the PRB-1 kit. This will get you not only a copy of PRB-1, but also copies of other ordinances and other related information.

The efforts of the Superstition ARC in Mesa resulted in the "model ordinance," as it is now known. This ordinance reads as follows, concerning communications towers:

a) Such structures shall not be located in the required front yard or in front of the front line of the dwelling or principal building; and
b) such structures shall not exceed a height of 10' within the required side or rear yard; and

c) such structures shall not exceed a height of 75' within the buildable area; and
d) not more than one such structure per lot or parcel shall exceed a height of 30'.

Sample legal cases are always good, especially when dealing with the City Attorney. Therne v. Lakeside Park, Kentucky (case # 83-218, filed 2-24-87) is a classic. Although there is quite a long list, a couple of other good ones are: Williams v. City of Columbia (SC—case #88-2199-15, 2-28-89); Bodony v. Incorporated Village of Sands Point (NY—case # CV 86-3967).

Clippings and letters of commendation which show the public service side of amateur radio, and the importance of effective communications, will also help, especially if they're from a local source. Your club might be helping a local hospital to run test emergencies. The Red Cross recognizes the value of amateur radio, as does the National Guard and Civil Defense. The local MARS chapter is always a valuable source of support.

Use Patience and Reason

Expect resistance. You'll probably be facing the people who came up with the restriction. They didn't enact it out of malice, but out of ignorance of how important amateur communications are, and what's required to support them.

If their attitude seems unreasonable, respond with reason. Prepare to answer—calmly—every objection with sound, solid reason.

For more information, contact Bill Glaze KA7SUF, care of Superstition ARC, PO Box 1551, Apache Junction, AZ, 85217-1551. Please include a self-addressed stamped envelope (SASE) for response. ■

Gene B. Williams KA7FQW, 19333 E. Ocotillo Rd., Queen Creek AZ 85242.

OFFICERS AND BOARD OF DIRECTOR

PRESIDENT = BILL SISKA = N2GA0
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

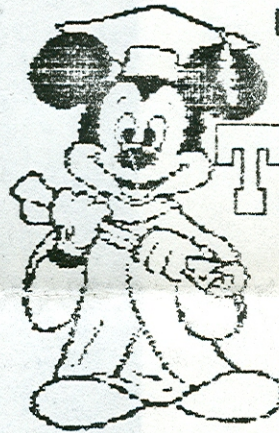
10 METER NET = EACH TUESDAY AT
2000 HOURS = +/- 28.420 KHZ



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Single \$15
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