



# The VHF Transmitter



Keystone VHF Club, Inc. W3HZU Founded 1955 – York, PA

VOL 47 No 10

CIRCULATION 160

October, 2001



## October 2001 CALENDAR

*Edited by Bob Gundlach, N3NBT  
n3nbt@aol.com*

- Oct. 1 VE Exam-Myerstown, PA  
717-993-5301
- Oct. 2 Hilltoppers ARC meeting
- Oct. 3 SPCG ARC meeting
- Oct. 4 Keystone VHF ARC  
meeting-CYBER Center
- Oct. 6 VE Exam-Mechanicsburg,  
PA 717-938-3576
- Oct. 6 Tailgatefest-Lancaster, PA  
717-872-6578
- Oct. 8 Columbus Day, observed
- Oct. 10 Ten Ten Day Sprint
- Oct. 11 Keystone VHF ARC E-  
Board meeting
- Oct. 12 Columbus Day, traditional
- Oct. 13 VE Exam, Shrewsbury, PA  
717-235-0273
- Oct. 13 Mid Atlantic States VHF  
Conf. Trevose, PA 610-505-6940
- Oct. 13-14 Pennsylvania QSO  
Party
- Oct. 14 Hamfest-Lingelstown, PA  
717-566-8895
- Oct. 14 Hamarama 2001-  
Wrightstown, PA 215-256-1464
- Oct. 20 Special Event-US Coast  
Guard Aux. K3G
- Oct. 27 VE Exam-Port Deposit,  
MD 410-378-2771
- Oct. 27-28 CQ WW DX Contest,  
phone
- Oct. 28 Daylight Saving Time ends
- Oct. 31 Halloween



## JACK DELLINGER N3BQB RECEIVES WA2ORG AWARD

*By Bill Kirby, W3PN*

I am pleased to announce that tonight, September 5, 2001, at the Southern PA Communications Group (Special) Meeting, Jack Dellinger- N3BQB was presented the "WA2ORG Award" for his meritorious service to the community from within the ranks of amateur radio.

The special award ceremony, in which Jack was given a personal award plaque as well as had his name placed on the "WA2ORG" commemoration wall plaque, took place at 7:30 p.m. at the Boro Building in Shrewsbury, PA tonight. The Commemorative plaque will be placed on the wall, for all to see, at the Mason Dixon Restaurant in Shrewsbury, PA.

In the address and introduction to the award given by the club secretary, Steven Shive, Jack was cited for his many years of service to the York County Community. Jack who most of you know as a member of YARS, is also a member in good standing of YARC, as well as the Southern PA Group.

We all know Jack as a major force over the years in the organization, planning, and execution of emergency communications drills and many "special events". The best example may be the March of Dimes "Walk-America", an area event which has raised literally hundreds of thousands of dollars over the years for this worthy charity, since he has been one of the major coordinators.

And "Walk-America" is only one of many things Jack has done, involving amateurs in a host of community projects that has given our hobby increased visibility and credibility, within York County. These are Jack's accomplishments.

I even think that amateur radio enjoys a good reputation in York and the surrounding area, in large part due to the good deeds Jack, and others before him (and after him), like Bill Molinar, have performed for others. This is something to be cherished, for this "good reputation" does not always exist in other communities, whether in or out of the Commonwealth.

Most of our good citizenry don't appreciate the fact that this work is work without pay, other than being "paid" with the satisfaction of having done something worthwhile for others. Jack seems to find this pay more than adequate.

Jack Dellinger has always (or at least for 15 years?) played a leading role in ARES and RACES, and has provided leadership and coordination in amateur emergency communications.

Jack, like Buzz, Chip Diamond, Steve Prior, and many others you know have always managed to keep things going, in good times or in bad. This has been regardless of the changes of faces, and changes and procedures for emergency drills and exercises, and major changes in "special events".

As you know better than I do, he never fails to get the troops out. No doubt, I have learned a lot from Jack myself, in this department.

Jack, much like Bill Molinar, who many of you knew and still miss, was back then and now still is a strong advocate for greater participation in emergency communications exercises by local hams. The similarities between Bill M. are obvious, so I won't belabor the point here.

Always ready for action, Bill Molinar used to carry around a Ringo-Ranger on a stick in the trunk of his car, or so they say. I'm not sure what Jack has in his trunk though, because there's probably not enough room in that...Geo/Jeep for a "real antenna". HiHi.

In point of fact, it was the very real similarity between Jack and Bill Molinar that made this year's selection of Jack for the "WA2ORG Award" a virtual slam dunk for the SPCG. The SPCG committee members who selected Jack, have known him well for many years, just as they also knew Bill before his untimely demise in 1996. Hence the award properly goes to Jack for 2001.

**See Jack on page 4**

**NEXT MEETING  
October 4th, 7 PM  
at the Cyber Center**



**From the President**  
 By *Ruthanna Pearson, WB3CQN*  
 wb3cq@aol.com

I have pondered what to say after the terrible things that have happened on the 11th of Sept. My we all keep everyone in our prayers!!!

**The Winds Not Always At Our Backs**

The wind's not always at our back:  
 the sky's not always blue.  
 Sometimes we crave the things we lack  
 and don't know what to do.

Sometimes life's an uphill ride  
 with mountains we must climb.  
 At times the river's deep and wide  
 and crossing takes some time.

No one said that life is easy-  
 There are no guarantees.  
 So trust in God continually  
 on calm or stormy seas

The challenges we face today  
 prepare us for tomorrow  
 For faith takes our fears away  
 and peace replaces sorrow.

It is hard to believe summer is gone and fall is here! I hope this coming season we can all pull together to keep our club going in the right direction and for all of us to support each other, perhaps we take things for granted and the same people will always be there to do the jobs that must be done and this is wrong, we have a lot of people that have and do give so much of their time and talent, and they can't do it always they too have other things and interest and obligation, an others must step up to help and give them a much deserved break!!!

There are times we have misunderstanding and someone gets hurt, lets set them aside and move forward, don't be eager to criticize anyone we all have our short comings!!! Lets all pull together and do whatever has to be done to keep us moving forward and be the great club we are!!

Remember that you can do something in an instant that can give you heartache for life.

**YARS ACTIVITY FOR 2001**

By *Bill Kirby, W3PN*

The past month of September for the YARS Committee has been a very busy one, and amateurs in our group have been involved in serious activities. In two or three of these "events", this was "no drill". It was very real.

Those of us involved in the organization and support of local amateur emergency communications, are keenly aware of the importance of our tasks, in light of the terrible events of just a few weeks ago.

Last night, that's September 24th, ARES/RACES was activated by the York County Office of Emergency Services to assist the county in assessing the threat posed by the heavy weather. The York area was spared by the tornado that struck Hanover, although we were drenched and then flooded with heavy rains.

As a group on the Keystone VHF repeater, we provided valuable assistance to the community assistance not only to the county government for back-up communications, but also to the citizens of the county as a whole, by helping to keep a sharp watch on the changing weather.

I will only mention that YARS with members of Keystone, Hilltoppers, and the SPCG played an active role in manning the EOC at Pleasant Acres immediately following the first shock waves from "Black Tuesday", September 11th, now another "infamous date to remember.

In addition to providing 24 hour manning at the county EOC, we were also able to provide a back-up communications for the American Red Cross at their temporary location on Eastern Boulevard during those first awful and unbelievable days.

On that "Black Tuesday", with the help of some of our more seasoned YARS ops, namely Jack (N3QB) and Chip (W3FJD), the EOC was manned with amateur operators only minutes after the call went out from county. Our ARES communications network was firmly established by 1400 hrs.

Last week, September 19th, the YARS Committee participated with the county in a HAZMAT drill, conducted at the Cold Storage International facility Manchester township. This was an excellent training opportunity for our group, as well as for the fire and rescue teams involved. According to Phil Stegos of the county OES, the training objectives of the HAZMAT exercise were well met.

**The VHF Transmitter**

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 199 Maple Lane  
 Mechanicsburg, Pa.  
 (same as above)

**Have you paid your Dues ?**

Your club membership dues for the year 2001 are still due and payable.

(Just in case that you forgot !)

**Full Membership only \$20.00**  
**Family Members still \$ 5.00**  
**Full members under 18 \$10.00**

Make checks payable to: Keystone VHF Club

See your treasurer at the next club meeting or for same day service send check directly to:

**Sandy Barefoot**  
**3040 Muirfield Dr.**  
**Dover, PA. 17315**

## Bobs trick O' the month

OK go ahead get it out of your system. Laugh it all out BUT try freezing your Nicads. Somewhere I saw this tip and I can say it really does work. Several years ago I fully charged a spare pack of Nicads and wrapped them in freezer Wrap and then in Aluminum foil and threw them in the back of the freezer. Hmm... what is that, Chicken ? Oh yes its them batteries. Well the pack in my Rat Shack failed and I finally got them out allowed them to thaw and guess what ... EVERY CELL was within a tenth of a volt and the total pack was 7.5 volts or so. Still almost at full charge after at least 4 years . So when you can get a deal on Naiads but don't have an immediate use for them FREEZE THEM.

## FOR SALE - WANTED

Do you know of anyone who would be interested in some 5M satellite dishes?

Two (2) are available, and one (1) of them even has a built in heater to melt snow etc.

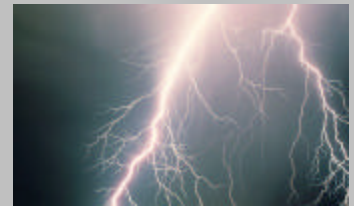
These were used for C band satellite use on Cable TV systems. Come complete with mounting base and Multi-Sat feed LNB's. The price is right, but the problem will be moving them. Over the road will require Oversize permit. 73 Dave, W3BJG

There is a 6 foot steel equipment rack which was used for a nightclub PA system that is sitting on the back porch and momma wants it outta' there. So if any of you can use it, it's yours. It is located in York PA. Ping me for a pick-up time or call me at 717.846.3341. First come first serve.

73/PC (Peter Carli)

## TRUSTEE'S REPORT

By Bob Secrist,  
N3LSN



Hello fellow members. It's been several months since I wrote a column under the Trustee's report until about now. First, I'll mention that the outside back wall and chimney to the clubhouse are being painted to match the rest of the building. This project needed to be done at least a year ago so I finally got it started.

This past Saturday, Sept 22<sup>nd</sup>, I had three dedicated members assist in getting some of the projects that needed to be done completed such as: Mowing the lawn, servicing our two emergency generators, one of which needs some carburetor work; removal of two dead trees plus cutting them up for fire wood; did some alterations to the housing containing the one generator so we can easily remove it without lifting it over the top. The unit is heavy, and working on closing in the wall around our air conditioner.

projects still to be accomplished are: Raise the seats of our picnic tables; repaint the floor of the clubhouse, and anything that may come about after this is all completed.

We had a good day at the refreshment stand that our club operated at the York hamfest. A report to be given at our next club meeting, Thursday Oct 4. In closing, I hope that you all enjoy this Fall season now that it's here.



### BOB'S TECH TALK

ELF  
LF  
HF  
ATV  
ANTENNAS  
SSB  
SECRET  
STUFF !



**By Bob Riese, K3DJC**  
riese-k3djc@juno.com

The year 1936, it's November and you have been setting in your living room by the RCA radio listening to WCBS sign off regular broad casting. At midnight you hear the announcer say "now it is time for our TelevisionTests" ... you have been trying to get the "Radio Moving Pictures for several months now and this will be the 4 th attempt. As you listen to the announcer describe the type of signal to be tested, you ready your apparatus. You connect the battery to the synchronous motor that powers your spinning viewer Disk. The disk that will convert the funny noises you are about to hear into a 20 line moving picture by radio. The odd sound comes through your radio speaker and you nervously look into the orange light coming form your tele viewer. "Shucks" you think... it is just the usual messy streaks that have frustrated you for months. But then... Yes I saw it or I think I saw it. There it is again ... the callsign of WCBS in your viewer. Right behind that it is something. Yes, a picture of Felix the Cat moving round and round. In just 30 seconds or so the image had returned to the wavy lines you have come to expect but you have seen TV.

Funny story? No, things like this actually happened and the person that got WCBS would have something to talk about at work for months "Say ... guess what Inky, last night I was able to see Radio Moving Pictures".

The misses almost popped her top! Yep... Well anyhow, the fun and thrill of moving pictures have come a long way since then. TV is pretty much taken for granted but folks actually did spend a good bit of time and frustration to see radio moving pictures in the 30s and the results were usually just an occasional glimpse during the program as the technique was all mechanical and it was a real problem to get the disk spinning at the correct speed, etc, to be able to see anything. But you could see it if you worked at it long enough.

Well, today by using your sound card and your computer you can send and receive 48 line moving pictures. This is the world of Narrow Band TV and the signal can be sent on 20 meters or on 2 meters. It only uses the same bandwidth as a SSB signal and while the pictures are not as sharp as Slow Scan TV or as good as Fast Scan TV they are legal to use on HF as a narrow mode transmission. The programs are Free and will run on any computer. I have tried them on a 150 MHz Pentium Iand on a 800 Mhz Pentium III. I don't know if the editor will allow them to be sent but as they are quite small, under 20 K for the transmit and 20 K for the receive program I have included them in the article. All you need for live TV is a Video card that will allow a camera to generate Composite video but you don't even need this togenerate NBTv as the transmit program will show a portion of what ever is centered in it from your monitor screen.

The nice thing is the programs come from a NewZelander ham, ZL2AFP and are free. what more can a York County ham want.

**From the Editor ...**

**To everyone who gets the newsletter via the Internet.... The transmit and receive programs are attached along with the newsletter. Another perk for getting the club rag via electronic transfer!**



**Keystone VHF Club  
General meeting Minutes  
of  
6 September, 2001  
By Charlotte Markley, N3URR**

Meeting called to order at 19:00 by Ruthanna. 40 members present.

**SECRETARY'S REPORT:**

Charlotte N3URR, minutes approved as appeared in newsletter.

**TREASURER'S REPORT:**

Sandi N3NCF, Balance in Certificate of Dep. \$2,217.12  
Balance in First Capitol Acct. \$2,602.60  
Balance in Merrill Lynch Acct. \$4,402.19  
Total Cash and Bank Accounts \$9,221.91  
Report filed for audit.

**VEC/EDUCATION:**

Ray W3AXC, testing will be held Sat. Sept. 15, and 16<sup>th</sup> at Hamfest. If anyone wants to have classes get in touch with Ray.

**WAYS AND MEANS REPORT:**

Barb N3RMI, Tickets for Longaberger Basket Raffle ready. \$5.00 per ticket, 3 chances to win on one ticket.  
Cookbook report, Charlotte N3URR, 71 cookbooks sold, \$497.00. Will have at Hamfest for sale.  
Ernie N3XGF, Turkey raffle tickets now available. 140 tickets so far

**RACES/ARES REPORT:**

Bill W3PN, Sept. 19 Hasmat drill. Jack N3BQB, received the WA2ORG memorial award from the SPCG club at Shrewsbury Club for all the special things and work he has done for special events.  
Chip W3FJD, operators asked to work at Bike-A-Thon next year.

**CONTESTING REPORT:**

Gene AD3E, Sept. 8, 9 VHF contesting.

**NEW BUSINESS:**

First reading for Kathleen Dellinger KA3THC for family membership.

**NEW BUSINESS:**

Nominating committee, Mike N3VQH, Joe KE3YR, Gene AD3E.  
Discussion on raising dues for next year.  
Trying to locate a 7400 Kenwood radio for Paul Miller to use in home in Dallastown. Gene AD3E, will check it out.  
Bob N3NBT, vendor has vacated space, space now available.

50/50 drawing won by Rita Delhez.

Good of order

Final Announcements

Meeting Adjourned at 19:50

**Enjoy Breakfast Out ?**

The club now holds two (2) Saturday morning breakfasts. The first starts at 7 AM at the "Round the Clock Diner" on route 30. This is for you early birds or club members who will be attending work parties up at the club site. Our second breakfast is held at 9 AM at the Shiloh Family Restaurant right along Route 74 in Shiloh. It's for those of us who like to sleep just a little later on Saturday mornings.

**Keystone VHF Club  
E-Board Minutes of 13 September, 2001  
By Charlotte Markley, N3URR  
Secretary**

Meeting called to order at 19:15 by Ruthanna WB3CQN. 5 officers and 1 committee person were present.

**SECRETARY'S REPORT:**

Charlotte N3URR, Minutes read for E-Board Mtg. Aug.9 and Gen. Mtg. Sept. 6. Read and approved.

**TRUSTEE'S REPORT:**

Bob N3LSN, asked permission to spend \$25.00 for boards to raise seats on picnic tablets at club site. E-Board officers gave permission to do so.  
Bob also asked permission to use money from kitchen funds to purchase a clock for club site. Permission granted.

**NEW BUSINESS:**

Discussion on question raised at General Meeting to raise dues. E-Board does not feel it is appropriate to do so at this time.

Good of Order

Final Announcements

Meeting Adjourned at 20:15

**Jack (continued from page 1)**

I am little more than a messenger here, but would like to add that that I am personally appreciative of Jack's advice in ARES/RACES activities. Admittedly, I have not known him for as long as most of you have, but think I can safely say: although you may not always agree with Jack, you can't help but love and respect the man.

Also, I know Jack is far too modest an individual to broadcast notice of the "WA2ORG Award", and our poor little club doesn't have a Newsletter. As you know me by now, I am not that modest (but I can be pretty humble), and I don't mind typing enough here just to let you in on the story. Jack may not even speak to me until the next drill. That's O.K. Jack.

So anyway, I thought it was part of my job as the "EC" to inform you of this accomplishment by one of our own. Jack has not only brought credit on himself, but has also brought credit to the local amateur community as a whole, not just to YARS, SPCG, Keystone, etc.

Those of us who have been involved in amateur emergency communications in the county area, are particularly fortunate to have been associated with Jack.

**YARS ... continued from page 2**

But finally, our ability to support the community would not have been possible without the support of all the dozens and dozens of concerned amateurs who checked in with us, stood-by, did night shifts, or just offered to help.

Thanks again, from all of us to all of you. Let's hope we don't see any more of these terrible events. But if we do, it is comforting to know that you will be there to stand with us.

**God Bless America. God Bless York County!**

73// Bill Kirby W3PN EC/ARES York County, PA

**ARE YOU A MEMBER OF  
THE ARRL?**

*Now more important than ever!*



## YORK HAMFEST WRAPUP

By John Shaffer, W3SST

To all:

Preliminary figures look good according to Ray. Paid attendance was a little over 500. With the spouses and kids and people that did not deposit stubs, I would guess something over 700 total.

A sample of the tickets deposited checked with mailing list sent was as follows:

About 700 mailings.

So far 53 returned for incorrect address. About 7.5%. I guess that isn't too bad considering some of the addresses were 3 years old.

A sample of 38 ticket stubs turned in reveals:

1. 12 on the mailing list
2. 26 not on the mailing list.

This amounts to about 68% new attendees. This probably is from two sources, giving out flyers at other hamfests and the full page ad in Auto-Call magazine. The sample showed a lot of addresses from the area served by Auto-Call. This is a free ad as a result of our Foundation joining FAR last year. One of the requirements is attending at least one FAR meeting each year. Ray and I plan to attend the meeting in Baltimore in October. If any one else wants to accompany us please contact Ray and I. September 30th is the FAR Hamfest at Bowie. It would be nice to volunteer to help them if you feel it would be possible.

For our Hamfest, I would like to thank each and everyone of you that participated. Especially those that worked long hours with little or no relief.

We have heard from several vendors and attendees that were very happy and thanked us for the fine hamfest. Without your help this would not have been possible.

I know the planning this year was rather poor at times. We will get started for next year a little sooner and involve more of you.

John W3SST

President, York Hamfest Foundation.

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It took some effort for me to find the following information and I forward it with the hope that it will be useful to others. Kenwood parts can be ordered from them in Long Island by calling 1800-776-2626. In particular the lithium battery for a Kenwood TM-241A is part number W09-0326-05 and costs \$12.50.

Harry  
73 de ng3x

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### Question of the month:

*Does your station have a source of emergency power?*

## A HISTORY OF THE KEYSTONE VHF CLUB CHAPTER FOUR THE SIXTIES A DECADE OF CHANGE FOR THE CLUB By Ray Shaub, W3AXC

### Concluded from last month

At the first meeting of the club after the big layoff, life membership was conferred on John Shaffer W3SST because of his unselfish work as the county radio officer for civil defense and his untiring efforts in instructing many new hams and administering FCC tests for a multitude of new hams in the area. John had accepted a position with the microwave division of Bendix and he was leaving the area. This was the very first life membership that the club presented.

In the middle and latter years of the sixties other devastating occurrences plagued the club. The Middletown Air Force Base closed. Many of our members were also members of the Air Force MARS network. We attended meeting at the AFB once each month and many of us were given surplus electronic equipment. Some great pieces and some "boat anchors". There was a MARS net that ran one night per week and the net control station was George Gadbois W3FEY in Lancaster. After the AFB closing the net was disbanded and one of the sources of free equipment was lost. Some of the equipment we had at the club site for the "Moonbounce Project" was on loan from Middletown.

There was a "Moonbounce" Committee" that was working on the construction of a permanent antenna mount in the woods to the West of the club building. I believe that this was dismantled in the past several years. As I remember the committee was made up of members: Fred Lowe W3MMV, Don Baker K3NUZ, John Shaffer W3SST, Bob Riese K3DJC, Alan Goughnour K3PQZ, and maybe others I don't remember. We have pictures of a Saturday work party during the construction of the antenna mount. I suppose there may be a cement base still in place but the automobile "rear end, axle", etc. are gone. I know the tube and cavity for the Transmitter that was "gleaned" from a project at Bendix was discarded in the 1980's or 90's by a work crew at the club because they didn't know what it was.

About this same time the Navy plant was closed and the facilities sold to The AMF Corp. Some of the Navy employees moved from the area transferring to other Navy installations out of the area. Some employees transferred to Mechanicsburg but remained living in the York Area. Others just stayed at the plant and worked for AMF.

It was a struggle to attract new members for the club, most of those that did join were young men that had been just licensed.

### Next month:

*Charper 5 - The Club survives & life goes on*

Any newsletter articles will be very cheerfully accepted by Dick Goodman, WA3USG at E-Mail: wa3usg@compuserve.com



The VHF Transmitter  
C/O: Dick Goodman  
199 Maple Lane  
Mechanicsburg, PA.  
17055

**DATED MATERIAL**



**CLUB  
REPEATERS  
FM  
IN/OUT  
29.580/29.680  
52.97/53.97**

**146.370/146.970  
TONE 123.0**

**442.275/447.275  
ATV  
426.25 IN  
439.25 OUT  
923.25 OUT**

**PACKET 145.090  
PBBS W3HZU-1  
KA-NODE W3HZU-7  
W3HZU-8  
(Digi, Alias YORK)**

**Keystone VHF Club, Inc. W3HZU  
P.O. Box 7462  
York, PA 17404-0462**

**CLUB WEB SITE: In process by Peter Carli, KA3QXE**

### **CLUB SPONSORED NETS**

**All Nets: 146.97 (-)**

**MON 8:30PM York ARES/RACES Committee  
MON 9PM York County 2-Meter Net  
TUES 8PM ATV Net (146.970 for audio)  
WED 9PM Quarter Century Wireless Assoc.**

**Club meetings are held on the 1<sup>st</sup> Thursday of each month  
at the Cyber Center or Clubsite in Summer, York, PA**