



The VHF Transmitter



Keystone VHF Club, Inc.

W3HZU

Founded 1955 – York, PA

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CIRCULATION 150

March, 2014

The Club House Oh ... the work never ends!

By Dick Goodman, WA3USG



A major remodeling effort has been started at the club house. Right after our lightning strike last September, we realized that the club house needed a lot of work. Most of our effort went into determining what equipment was damaged and getting it replaced. This included getting a new 2 meter repeater back on line and repairing our 440 repeater. As a result of some hard work by Bob Poff, WB3AWJ, Nate Kirschman, WN3I, Chris Shover, KB3TWW, Kevin Magloughlin, KA0JQO and Tim Barefoot, W3TWB we were back up and running with our repeaters within a week.

About 2 months ago we cleaned and repainted the floor using Epoxy paint and started work in the main club room. Then on Thursday, February 20, we started in earnest! We removed cabling from the repeater room that was no longer in use. We also re-routed wiring that over the years has just been run haphazardly around things. Between this effort and the clean up we did in the repeater room a couple of months ago, things are looking much better.

Last Thursday, a group of us were up at the club trying to decide what we should do in the main club room. We replaced our flat screen TV that had been destroyed by the lightning strike and then took a good look at our operating positions. They have been in the same configuration for the last 10+ years. We noticed that there was a LOT of unused cabling and wiring cluttering up the operating positions. A couple of us went up into the attic with the rest of the gang split between the repeater room and the main club room and started pulling cables that were no longer connect to anything on either end.

Over the course of the next couple of hours, we probably removed over half of the wiring behind the operating positions! Virtually all of this cabling ran between the operating positions and the repeater room through the attic. I bet we removed 1,000 feet of wire. Much of this has been in place, unused for over 20 years! Even the attic looks remarkably better.

While this was going on, we decided to remove all the equipment from the operating positions. Over the years, the operating surfaces have been in need of repair and refurbishment. The first thing that will be done is to give them a good cleaning. Some of the laminated surfacing has come loose and needs to be reattached. **Are there any club members out there that have the skills and the time to help us out with this? We would also like to know what other ideas you may have to make them look nicer.**

We would like to have the operating positions back in shape in the next couple of weeks!

We are planning a few changes. Up to this time our 3 computers were installed lined up next to each other on the top shelf. While this looked neat, it presented some problems. Separate monitor, keyboard, mouse, and audio cables had to be run from each computer the operating positions. This added a lot to the cable clutter. It also made it hard for the operator to use thumb drives in the computer dedicated to their position.

We will be building a shelf for each computer at each operating position underneath the operating surface. That way every operator will have

easy access to their computer and long cables will not have to be run all the way from the other end of the room.

On the far right end of the operating positions up against the front wall of the clubhouse, is a power supply that supplies power for several fans located at each operating position. These were used to cool amplifiers that we ran during contests. We are removing this supply as well as all the cabling that ran the length of the operating positions. We no longer need the amplifiers as our 2 meter SSB rig will run at a power level of 100 watts. 6 meters from the FT-920 is also at the 100 watt level.

We will end up with three simplified (and more efficient) operating positions. At the far end next to the fireplace is the Yaesu FT-920. This is our main HF through 6 meter rig for all modes including all of the digital modes. During VHF contests this position will be used for 6 meters.

We recently purchased a Yaesu FT-897D to replace the aging Kenwood TS-711 2 meter all mode transceiver. This radio was over 30 years old and we've had quite a bit of trouble with it. This operating position will be next to the FT-920 (with plenty of space in between). The FT-897D covers everything from HF all the way up through UHF. During contests this will most likely be used for 70 CM SSB & CW work but it could be used on any frequency. This will also be able to be used on any of the digital modes.

On the far right is our Kenwood TS-2000. This also covers all modes, HF through UHF. This will primarily be used on 2 meters during contests but may be operated anywhere on the bands. It will also be capable of running all of the digital modes.

With the removal of the power supply on the end, and the space gained by removing unused equipment and cables, another operating position may be set up during contests or special events.

Dan Melato, KB3JSV is updating and greatly improving our computer network along with our security system. Some of the older CAT5 network cabling is being replaced with shielded CAT6. Dan is also installing a new state of the art router and access points so we will have efficient Internet access anywhere on the property. Improvements are also being made to our video security.

Outside, we are going to greatly simplify our antenna system. On the 60 foot tower up against the club house, we will have a 5 element 6 meter beam (that the club already owns) and a Cushcraft MA-5B 3 element HF beam (donated by Ralph Brandt, K3HQI). This beam covers 10, 12, 15, 17, and 20 meters. Both of these antennas are very small and should be easy to put up and maintain.

On the 100 foot tower, we are removing all of the contest antennas. These are antennas for 2 meters, 220 MHz, 70 CM, and 1296 MHz. Some of these were on outriggers and the wind up there plays hell with them. We are removing these outriggers and only a single 12 element, 2 meter beam and the 432 MHz Yagi will be reinstalled. Both of these antennas will be mounted one above the other on a single mast. Mast mount preamps will be installed in a weatherproof box mounted at the top of the tower. Hopefully this will be much more easier to maintain than what we have now. The Yagi antennas for 220 MHz and 1296 MHz will be eventually relocated to masts lower on the clubhouse.

We currently have wire antennas up for 160 through 10 meters. This includes an alpha delta dipole for 80 - 10 meters, a 40 meter cage dipole, and a HyGain High Tower model AV-18T with the 160 meter wire.

Our goal is to have smaller, more easily maintained antennas that will allow us to enjoy operating rather than constantly fixing things. The next several Thursday night tech sessions are going to be dedicated to getting the club house back together. Come on up!

NEXT MEETING

Thursday, March 6th, at the York County EOC
on Davies Road

Scheduled Club P.S. Events for 2014

- * **March 29 - YARS Spring Functional Exercise at the County EOC**
POC: Sandy Goodman, N3ECF slgoodman@verizon.net
- * **April 5 - Full YARS Spring Exercise in the field**
POC: Sandy Goodman, N3ECF slgoodman@verizon.net
- * **April 6 - Buckridge Burn Hike Pine Grove Furnace S.P.**
POC: Dick Goodman, WA3USG wa3usg@verizon.net
- * **April 8 & 9 - Peach Bottom Drill**
POC: Jack Dellinger, KC3JD jkdelli@aol.com
- * **April 27 - The Ironmasters Hike series at Pine Grove Furnace S.P.**
POC: Dick Goodman, WA3USG wa3usg@verizon.net
- * **April 27 - March of Dimes March for Babies**
POC: Jack Dellinger, KC3JD jkdelli@aol.com
- * **May 4 - York MS Walk**
POC: Sandy Goodman, N3ECF slgoodman@verizon.net
- * **May 25 - Bob Potts Marathon**
POC: Jack Dellinger, KC3JD jkdelli@aol.com
- * **June 28 & 29 - PA Hope Ride for Cancer**
POC: Marty Gutekunst, KB3BAA mpgutekunst@comcast.net
- * **July 13 to 20 - CAN-AM Police Fire Games**
POC: Sandy Goodman, N3ECF slgoodman@verizon.net
- * **July 26 & 27 - MS Bike Tour Gettysburg**
POC: Sandy Goodman, N3ECF slgoodman@verizon.net
- * **September 6 - KTA Superhike**
POC: Ken Wiggins, N2DYK n2dyk1940@yahoo.com
- * **September 20 - Three Creek Century Bike Tour**
POC: Sandy Goodman, N3ECF slgoodman@verizon.net
- * **October 19 - Hershey Half marathon**
POC: Marty Gutekunst, KB3BAA mpgutekunst@comcast.net
- * **October 26 - Michaux Team Challenge**
POC: Dan Mcglothlin, KB3MUN kb3mun@mcglothlin.us
- * **December 7 - Jingle Bell Run**
POC: Jack Dellinger, KC3JD jkdelli@aol.com
- * **December 24 - Glen Rock Carolers**
POC: Stan Walters, AB3EM abacuspc@comcast.net

NCS SCHEDULE FOR YORK COUNTY NET

NCS	CALL	2014 DATES			
Walt	K3DQB	Jan 06	Apr 07	Jul 07	Oct 06
Micah	KB3TGY	Jan 13	Apr 14	Jul 14	Oct 13
Jon	KB3IGH	Jan 20	Apr 21	Jul 21	Oct 20
Lorna	KB3SST	Jan 27	Apr 28	Jul 28	Oct 27
Ralph	K3HQI	Feb 03	May 05	Aug 04	Nov 03
Tom	KB3ETG	Feb 10	May 12	Aug 11	Nov 10
Fran	WA3GYW	Feb 17	May 19	Aug 18	Nov 17
Jack	KC3JD	Feb 24	May 26	Aug 25	Nov 25
Dick	WA3USG	Mar 03	Jun 02	Sep 01	Dec 01
Stan	AB3EM	Mar 10	Jun 09	Sep 08	Dec 08
Rich	KR3EE	Mar 17	Jun 16	Sep 15	Dec 15
Nate	WN3I	Mar 24	Jun 23	Sep 22	Dec 22
Sandy	N3ECF	Mar 31	Jun 30	Sep 29	Dec 29

YORK NET -- NET report instructions

When Rich, KR3EE, does not check in; send him a net report. The report should include the start and end time of the net, the total number of stations and stations providing traffic, plus any station providing training, its length and subject (i.e. N3ECF provided 10 minutes training on traffic pro-signs.)

List the suffix of all the stations checking in; if they brought traffic add ":/T".

example:

Net report for 2/19/2009
 Start Time 08:30 End Time 08:52 min 22
 Stations 23 Traffic 4 no training
 A, BQB, CW, DQB, ECF,
 EE, EM/T, END, ETG, FJD/T,
 FTD, HNA, JIM, NBT, OFE/T,
 OYL, PHW/T, RBT, UQJ, USG,
 Z, SCY, JMX

The following members were welcomed into the club in 2014

Dan Waldrop
 Darlene Waldrop
 Scott Kopp, KC3BKY
 Mark Moure, N3DOA
 Tim Stumpo, KC3BWP



Tim, W3TWB



Thierry, KB3TPX



Jeff, KB3RCT

Trustees Report - Things have been treacherous up at the club site. Greg, KE3CW came out and plowed the parking lot clear but it is still EXTREMELY slippery with a layer of ice under the snow. Bob Gundlach, N3NBT came up in a All Wheel Drive vehicle and got stuck. He had to call AAA to get pulled out. Studded Snow Tires seem to work however ... ask Dan, N3EEI! If you come up to our Tech sessions, please be very careful, especially after dark. The dusk to dawn light casts shadows on the snow covered ice and you can't see where you're walking. Please bring a flashlight.

Silent Keys

I received an e-mail from Ray Shaub, W3AXC. He told me that we have two additional Silent Keys from our club.

James F. Overdorff, WA4EED - According to my records, Jim joined the club in 1998 and was active until 2002. Ray indicated that he used to attend meetings when we met at the Cyber Center and came with Ed Weiler, K4AYL, also a Silent Key.

Charlie Guise, W3CGG - Charlie recently passed away at York Hospital. According to Ray and my records, Charlie was a Charter member of the club and his joining date was November of 1955. While not active for the last 20 years, Charlie did operate 2 meters when he went to Florida for the Winters. Charlie was a Life member of the club

While I do not remember either of these gentlemen well, if any of you old timers out there would like to have something published about either Jim or Charlie, please get me the information and I will publish it. If you have any pictures or antidotes, please include those too. Ed

Members Who Joined in 2013

Danny	Waldrop	No Call
Stephen	Lentz	No Call
Scott	Kopp	KC3BKY
Todd	Haines	No call
Charles	Spangler	KA3ZHN
Kevin	Magloughlin	KA0JQO
Justin	Hoyer	N2JEH
David	Hile	W3VRE
Jim	Irish	N6CAZ
John	Ronan	K3ZJJ
Chuck	Courtney	KB3ZZP
Dennis	Wennerstrom	KI0PN
Chuck	Martin	AB3SQ
Martin	Bayes	AA1ON
Nathan	Herr	KB3SES
Micah	Neff	KB3TGY

These are club members who my records show joined the club last year in 2013. Last year was one of our best years on record for the growth of our organization. At this time, we don't have a formal Membership Chair person. Would anyone like to volunteer for this post? It would involve contacting new members and welcoming them to the club, answering any questions that they might have, sending them an information packet (either by mail or by e-mail), and simply making them feel welcome. We also want to ensure that they are welcomed in the newsletter when they join! Please contact me at : wa3usg@verizon.net

I apologize if I left anyone off this list ... if I did, please let me know!

Recommended Radios for New Hams

Some suggestions for all you new Hams out there!

Per my suggestion at Wednesday's YARS Meeting about coming up with a list of equipment we (YARS) would suggest to new Hams, here are a few ideas. I am sure you all have plenty of other suggestions, especially those who want to punch holes in their vehicles for antennas. HI HI Jack KC3JD

Handheld Transceivers (HT's):

Baofeng UV-5R +/- \$50

The Baofeng UV-5R is a compact *F.C.C. Part 90* hand held transceiver providing 4 watts in the frequency range of 136-174 MHz and 400-480 MHz. This a very inexpensive HT. Reports of operation are OK. Lots of guys have had problems programming in repeaters, but there are lots of the radios around now so help should be easy to get.

Yaesu FT-60 +/- \$150 to \$200

The Yaesu FT-60R dual-band 2 meter/440 MHz HT boasts 5 watts output on both bands. This a very nice radio. It is not a dual display so you can only operate one band at a time.

Yaesu VX-7 +/- \$370

The Yaesu VX-7R is a triple-band (6M, 2M & 440 MHz) HT with extensive receive coverage, and leading-edge features. Great dual band display radio, which means you could listen to both 2 meters and save 440 at the same time.

Kenwood TH-F6a +/- \$300

The Kenwood TH-F6A compact triband handheld raises the bar. This amazing radio transmits in the 144, 200 and 440 amateur bands and has dual channel receive capability. Enjoy full 5 watts output on each band.

A 2nd battery is always a good idea to have with your HT, especially if you plan on doing any type EmComm.

Mobile/Portable Full Radios:

Tm-281A +/- \$200

The Kenwood TM-281A is a 2 meter FM mobile transceiver providing a big 65 watts of power. Older generations like TM-241, TM-261 and TM-271 are great used radios, if you can find them. Look on ebay.

Kenwood TM-V71A +/- \$400

The advanced Kenwood TM-V71A dual bander provides sophisticated, high-powered performance on 2 meters and 440 MHz. Power levels are 5/10/50 watts on *both* bands.

Yaesu FT-2900R +/- \$150

The Yaesu FT-2900R is quiet and powerful. This ruggedly-built 2 meter transceivers boasts 75 watts of output

Yaesu FT-8800R +/- \$350 to \$400

The Yaesu FT-8800R dual bander operates on 2 meters and 70 centimeters. High power output is featured with 50 watts on 2 meters and 35 watts on 430 MHz. (We really like this radio)

Yaesu FT-8900R +/- \$400 to \$500

The Yaesu FT-8900R quad bander gives you incredible power and flexibility on the road. Operate 10 meters, 6 meters, 2 meters and 70 centimeters. High power output is featured with 50 watts on 10, 6 and 2 meters and 35 watts on 430 MHz. (Usually you can get an 8900 for about \$50 more than a 8800. However are you ever really going to use the 6 meter FM and/or 10 meter FM bands? W3HZU does have repeaters on both of these bands. Just say'in)

There are many older mobile/portable radios available especially on Ebay. Compare prices.. Any radio built in the last 20 years would have tone capabilities.

Mobile Antennas for 2m/440:

Comet SBB-25 +/- \$50

The SBB-25 is the best 2M mobile antenna COMET has to offer. The radiation pattern provides the best possible signal strength and coverage area. Gain & Wave: 4.1dBi, center-load 5/8 wave VSWR: 1.5:1 or less Max Pwr: 200 watts Length: 57" Fold-over hinge included Connector: SBB-25: PL-259

The **Comet CSB series** of dual-band 2 meter/440 MHz mobile antennas feature the finest heavy-duty components. They provide wide frequency range and have a fold-over hinge. Power capacity is 150 watts. They terminate to a PL-259 base and require a PO mount. Mount and coax sold separately. The CSB antennas are available in three versions:

CSB-750A Gain: 3.6/6.1 dBi Length: 42 inches. +/- \$70

CSB-770A Gain: 4.4/6.9 dBi Length: 51 inches. +/- \$80

CSB-790A Gain: 5.1/7.7 dBi Length: 62 inches +/- \$100

Diamond CR627B +/- \$100

The Diamond CR627B triband is a 6 meter, 2 meter and 440 MHz mobile antenna. It is a 1/4 wave on 6 meters providing 2.15 dB gain and a 3 1/4 wave on 2 meters providing 4.5 dB gain and a 3 5/8 wave on 440 MHz providing 7.2 dB gain. This antenna can handle up to 120/120/120 watts. This antenna is approximately 60 inches high. The coils and antenna are black. The connector type is UHF (for PO mount). This antenna is not recommended for a magnet mount

Hustler MX-2 +/- \$40

The Hustler MX-2 is a quality 2 meter 5/8 wave mobile antenna providing 3.4 dB gain. The MX-2 features a low-loss NMO type magnetic mount. This antenna can handle up to 200 watts. 17 feet of RG58 coax cable to a PL-259 plug is supplied. This antenna is approximately 55 inches (1.3 m) high. The base coil is black and the whip is silver.

Most of the above antennas do NOT come with the base mag. mount.

The CM-5M is +/- \$25.

CM-5M

Magnet Mount

Base: SO-239

Coax: 16.9 Ft RG58AU

Connector: PL259

There are many different types of ways to attached your antenna to your vehicle (including punching holes in your vehicle). Do a Google on '2 meter mag mount' and you will find several websites that have these antenna mounts.

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Schedule of Keystone VHF Club Sponsored VE Testing for 2014

Laurel VE Group Testing sponsored by Keystone VHF Club are held the second Saturday of the odd months. All tests are at 10 AM, pre-registration is appreciated except the Hamfest. Contact, Ralph Brandt at ralph.brandt@comcast.net or phone 717-792-1017.

Locations are York EMA Office at 120 Davies Road, York, or Keystone VHF Club on Deininger Road, York, near the Rocky Ridge Park

Testing dates:

Keystone VHF Club sponsored testing by the Laurel V.E. Group. These sessions are held in the Training Room at the York County EOC, 120 Davies Rd., York, PA. Testing starts at 10:00 AM. Preregistration is appreciated. *Contact Ralph Brandt at: Ralph.brandt@comcast.net or phone 717-792-1017 to register.*

January 11	July 12
March 8	September 13
May 10	November 8

VE exams will be sponsored by Southern Pennsylvania Communications Group (SPCG). These sessions are held at the Shrewsbury Borough Building, 35 Railroad Ave., Shrewsbury, PA. Testing starts at 9:30 AM. The point of contact for these sessions is the same as above.

February 8
April 12
June 14
August 9
October 11
December 13

Local area nets:

Capitol Area Traffic Net starts **Monday at 8 PM** on the South Mountain Radio Amateurs (SMRA) repeater on 146.46 (67.0 tone), 1 MHz offset. All properly licensed radio amateurs are invited to check in.

The Combined Club ARES/RACES Net meets **Monday at 8:30 PM** on the Keystone 146.97 Repeater (Tone: 123 Hz).

South Mountain Radio Amateurs (SMRA) Net on **Monday at 9 PM** on the 145.43 (Tone: 67 Hz) repeater located in Mt. Holly Springs. *After the normal FM net, a group moves off to 144.210 MHz and operates SSB.*

The Keystone VHF Club Digital Net on **Tuesday at 8 PM** on the York 146.97 Repeater.

The Digital Familiarization Net on **Wednesday at 8 PM** on the SMRA 145.43 Repeater.

The Keystone 75 meter net on **Tuesday at 9 PM** on a frequency to 3820 to 3840 KHz (+ or - the QRM). In the Summer, the net is suspended.

The Quarter Century Wireless Association (QCWA) net meets on **Wednesday 9 PM** on the York 146.97 repeater. **(Net currently not held)**

A local FM Simplex Net runs **Thursday at 8:30 PM** on a frequency of 146.55 MHz.

The South Central PA 10 Meter Net **Friday at 8 PM** on 28.495 MHz USB

**** Listed below are some local 10 meter nets ****

Ham Shack Talk Net - Monday at 9 PM: 28.335 MHz.

Delaware Lehigh Valley ARC Net - Sunday 4:00 PM: 28.430 MHz

Do Drop In net - Sunday 8:30 PM: 28.450 MHz

Penn- Mar Club net - Friday. 8:30 PM: 28.495 MHz.

10 Meter Ragchew Net - Every evening starting 7:30PM: 28.600 Mhz

Keystone VHF Club - Financial Statement for 2013

Following the Keystone VHF Club Audit, I decided to prepare a Financial Statement using the receipts and registers. This is what I have determined to account for our income and expenses for 2013.

Sandy Goodman N3ECF, Secretary

BEGINNING BALANCE

Checking	\$3,471.91,	Trustee	\$265.54	Total Ck:	\$3,737.45
CDs Bill Hurst	\$2,516.36	11/26/12 maturity			
Other	\$7,607.41	11/5/12 maturity			

RECEIPTS

Rent	\$5,400.00	
Bank Interest	\$ 1.47	
Dues	\$1,250.00	
Donations, raffle	\$1,292.42	** Detailed below
2 Memorial for Charlie Byers	\$ 40.00	
Thomas Clingan	\$ 150.00	
Rich Reese for Red Cross training	\$ 600.00	
Richard Renn, WB3KVN for repeater	\$ 230.00	
Raffle + other donations	\$ 272.42	
Club Functions	\$ 750.00	
Holiday Party	\$ 500.00	
Corn Roast-Chicken Barbeque	\$ 250.00	
Insurance Claim (Sept 2013 damage)	\$1133.99	
Refund (Oct 24 marked generator)	\$ 116.25	
Cashed CD (Bill Hurst)	\$2521.40	

Total receipts **\$ 12,465.53**

EXPENSES

Utilities		\$3,069.83
electric	\$2,520.83	
propane	\$ 158.39	
portable toilet	\$ 381.60	
Insurance		\$ 966.00
property	\$ 720.00	
equipment	\$ 246.00	
Radio Equipment		\$3,427.25
Property & club Maintenance		\$1,213.59
(generator, weed killer, chairs, lighting)		
Club Functions		\$ 948.27
Holiday Party	\$585.73,	
Corn Roast	\$362.54	
Administrative		\$ 106.00
(postage, post office box)		
Memorial Donations (Fred Hagens)	\$ 25.00	
Miscellaneous		\$ 400.57
Red Cross Training	\$351.82	
YARS Banner	\$ 48.75	

Total expenses **\$10,156.51**

ENDING BALANCE

Checking	\$5,789.93,	Trustee	\$256.54	Total Ck:	\$6,046.47
CD	\$7,619.47	11/5/13 maturity			

**Amateur Radio operators (HAMS) From Northeast USA: & the world
2014 HAMVENTION in DAYTON, OH.**

Bus Leaves THURSDAY MAY 15 –to- SUNDAY MAY 18, 2014 (4 days)

VIA –North America DX Assoc., Inc. (WR2DX)

25th Annual BUS Trip. From L.I.N.Y. to Dayton, OH

It's Ham Mecca! 3 days of Hamming, Talks, Demos & Forums, ARRL, Ham Radio & Computer gear, - Old, New & what's coming.

More than \$81,000 worth of door prizes, over 22,000 attendees,
250+ different companies manning 500+ Exhibit Booths, Indoors.
2,000 + Flea Market & Tailgating spaces, Outdoors.

Included in this Bus Trip for one Price: **Complete Pkg.

Round Trip **transportation**, to and from Dayton, Oh. + All Local transportation from motel to Hara's Arena. Also to downtown, restaurants, etc. Each day.

Motel for the 3 nights and 4 days. + **breakfast** each morning*. Church Sun. morning (optional). Also **included** are the Admission **Tickets** to the Hamvention for the three days.

*Other meals (lunch and dinners) NOT included.

Bus Only \$218.00 Round Trip.... Does NOT include **Motel, Ticket, local trans.** etc.

****Complete Pkg. \$408.00** pp/dbl.oc. (if needed, we will book U with a roommate)

\$565.00 single person, own room alone.

Family Special \$665.00 OM & XYL

or just **FLY** to Dayton. join us there for **MOTEL, TRANS. + Tix. \$220.00** .(pp/dbl.oc) all Incl

..... No Need to Rent or Lease a Car, buy Gas, or pay for Parking. No need to buy a ticket or rent a Motel room....
(NADXA members, Deduct \$20.00. Last year (2013) Bus Trip Participants, Deduct \$ 10.00 Previous years Bus Trip attendees, Deduct \$ 5.00)
c

Bus leaves: L.I.N.Y Thurs. May 15th 2014 **6:00 AM** from .LIRR. Queens/Nassau. Park 'n Ride lot **Lynnbrook, L.I.N.Y.**

Leave, Bordentown, NJ, 8:15 AM from Ramada Inn Rt. 206. just off exit 7 of NJ Tpk.

Leave, Downingtown, PA. 9:30 AM from the Inn at Chester Spring Motel, Rt. 100. 1 ½ mile South off Exit 312 (old exit 23) of the PA Tpk. *****ALSO SEE BOTTOM of flyer**

Return Sunday night, Late, or Mon. morn. (approx. midnight – 2:30 AM) May 18, 2014

Reservations: Deposit of \$50.00 by **JAN.15**, 2014. Full pym'nt. by Mar. 30, 2014.

Make checks payable to **NADXA, Inc.** (North America DX Assoc., Inc.) or via 'Pay-Pal' (NADXA)

Contact: KC2Q, Mike or NADXA P.O. Box 357 Bradley Beach, NJ 07720

Telephone: - (732) 927-0171 cell # (908) 415-6162

e-mail: kc2q@arrl.net, wr2dx@nadxa.org. Website: www.nadxa.org

If there is enough interest in the bus trip from hams in the greater Harrisburg/Mechanicsburg area, the bus will plan an additional pickup and dropoff in that area (site to be determined) near the PA Turnpike. Usually, pickups are at a local hotel or motel that is easily accessible. If interested, please contact KC2Q (Mike) at the number listed on page 1 of the flyer. We are hoping to serve the hams Harrisburg area with our convenient Hamvention Bus Trip to Dayton this year!



**Keystone VHF Club
General Meeting Minutes of
February 6, 2014
By Sandy Goodman, N3ECF – Secretary**

The General Club Meeting held at Keystone VHF Club was called to order by Pres. Dick WA3USG at 19:00. There were 31 members present and 2 guests who submitted membership applications. Guests Tim Stumpo, KC3BWP, and Mark Moure, N3DOA, introduced themselves.

TECHNICAL HAPPENINGS: Dick, WA3USG, talked about a receiver unit that he bought for less than \$100 to be used as an HF up-converter board.

Jeff Patterson discussed the AED options. After discussion, Tim, W3TWB, moved to purchase the Zole unit for \$1600, seconded by Anne, KB3ZLJ. The motion was approved. The unit approved is a Zole AED PLUS which includes a wall mount cabinet, and a soft case that could be used in a responder's kit. There is only 1 Z-shaped pad to be placed on the chest. It is highly recommended. We would have support from the seller. There is a 5-year warranty. Jeff will ask about a service contract. Delivery will be requested in time for the April meeting where we can get a demonstration. It was decided that the club will accept donations from club members to go toward the cost of the unit.

SECRETARY REPORT: Sandy, N3ECF. Rich, KR3EE, has provided corrections to the minutes. Those had been made prior to submission in the newsletter, just not yet provided in the copy that Sandy had emailed (both in January and February). Ray, W3AXC, moved to accept the December minutes as published. Lorrie, KB3ZLO, seconded the motion. Motion carried.
(note: There was no January meeting due to snow.)

It was noted the Dick needs to correct the Newsletter to show that VE Exams for the Keystone Club are always held at the York EOC.

TREASURER REPORT: Linda, KB3EBV, reported for December and January:

The Bill Hurst CD was cashed out as decided at a previous meeting. To allow the Trustee's to make a radio purchase, \$1200 was moved from the main checking account to the Trustee's account. Included in the income was \$690.51 deposited from the Holiday Party. The rent income from Triangle Communications has been increased. They also sent a check to make-up for the pay increase in the past year.
Income: \$5,722.37; Expenses: \$2,607.04. Balances: Club CD \$7,607.41; Checking Acct \$5,183.27; Trustee Acct \$788.74; Total \$14,186.08. Ray, W3AXC, moved to accept the report; Rich, KR3EE seconded it. Motion carried.

Craig, WA1HEW, moved to donate \$100 to Springettsbury Fire Station. Nate, WN3I, seconded the motion. Motion carried.

COMMITTEE REPORTS:

TRUSTEE REPORT – All is good. They need to check on propane. The cost is now \$5 per gallon. After discussion about a new contesting radio, Rick N3JRT, moved to purchase a new FT897 radio for \$970. Ralph, K3HQI, seconded the motion. The motion carried with 2 nays.

TECHNICAL COMMITTEE REPORT - The new 2-meter repeater is up and running. There are minor issues and a few other things that still need to be worked on. We again thanked Nate, WN3I, for the repeater loan to keep us going.

EMCOMM/PUBLIC SERVICE NEWS – Sandy, N3ECF, advised that the Peach Bottom Drill will be April 8. Public Service Events start on April 27. Dick, WA3USG, talked about plans for a YARS Spring Event. Details were in the Keystone Newsletter. Dick will train the Digital NET on slow scan operations.

A question was raised about whether or not Ham Radio operators could sit with a 911-operator for one shift. Sandy will talk to Tom about that.

VE/ED REPORT - Ralph, K3HQI - From the January testing, there is 1 new Technician and 1 upgrade to General. The VE testing notice on ARRL is now correct for both Keystone and Shrewsbury. Shrewsbury testing will be on February 8.

The Technician class being taught by Nate, WN3I, and Walt, K3DQB, is going well and has good attendance. They are considering plans for a General Class. Funding will be needed to obtain study materials. Nate provided the materials himself for the Technician class.

CONTEST REPORT - 160 meter phone contest is Feb. 21-23. Evenings are the best for operating. Hilltoppers will work the DX contest the first weekend of March. They are looking for folks interested in HF. There is interest in doing a portable exercise for the June VHF contest.

NEWSLETTER/WEBSITE – Dick, WA3USG, got it out on time.

OLD BUSINESS:

Second readings were done for: Scott Kopp, KC3BKY, and Steve Lentz. Both were voted into membership. It's noted that Steve is currently an Associate Member until he gets his license. (The difference in membership is that Associate Members cannot vote.)

NEW BUSINESS:

First readings were done for Danny Waldrop and his XYL Darlene, Tim Stumpo, KC3BWP, and Mark Moure, N3DOA.

An Audit Committee was requested. The following volunteered: Rick Williams, N3JRT, Mike Sullivan, WS3C, Chris Shover, KB3TWW, and Sandy Goodman, N3ECF. We will meet on February 23rd at 1 PM at the Keystone Club.

50-50 -- Greg, KE3CW, won \$24.

Good of the Club: For the March meeting, the assistants will be in charge. Linda and the Goodmans will be on vacation.

Adjourned at 8:30 PM

Holy Toledo! And I Thought that I did good in the contest!!



**Final contest update from the Hilltoppers W3ZGD
ARRL International DX Contest 2014 Mar 1-2 2014**

**978 QSO's
2934 QSO points
322 multipliers**

Total Claimed Score (unofficial): 944,748.

KEYSTONE VHF CLUB OF YORK, PA



W3HZU



Membership Application

Name: _____ Phone: _____ - _____

Address: _____ Callsign: _____ Expires: _____

City: _____ State: _____ Zip: _____ Lic Class: _____

Occupation: _____ E-Mail: _____

Membership Desired

Full → Full Club Privileges
\$20.00 annually & one time \$5.00 Application fee

Family → Sponsoring members call: _____
Privileges same as Full membership
\$5.00 annually & a one time \$5.00 Application fee

Associate → Repeater Support
\$20.00 annually & a one time \$5.00 Application fee

Are you a member of:

ARRL Y-N

ARES Y-N

RACES Y-N

QCWA Y-N

Special Areas of Interest (circle all that apply)

AM Antenna building ATV Contesting CW Digital (Packet, RTTY, PSK-31, etc)
DX FM HF QRP Satellites SSB SSTV SWL Tower climbing LF DSP
UHF/Microwaves VHF Astronomy Photography Other: _____

Application & Dues Mailing Address:

Make checks payable to: *Keystone VHF Club Inc.* Mail to: *PO Box 20143*

York, Pa. 17402-0140

FOR CLUB USE ONLY

First Reading Date: _____ Second Reading Date: _____

Date voted IN-OUT: _____ Date Dues Collected: _____

Applicant Sponsored by: _____