

CROSSTALK

Volume 55

Issue #02

Celebrating Our 55th Year

February 2014



President's Message



Wonder what the groundhog will have to say about the rest of our winter? Who better to ask than the Punxsutawney Area Amateur Radio Club* (<http://www.punxyclub.com>), when they activate K3HWJ again this year as a ground hog day special event station! Look for them around 7.225 Mhz, and if you do chase them, be sure to record your contact number to include when requesting your official QSL certificate. It's crazy hams like these guys that run special event stations like this that keep me laughing.

And speaking of crazy hams, giving new meaning to the phrase, "when all else fails, ham radio gets through", we had 20 hearty souls make it out to the January club meeting despite the weather. It ended up being an abbreviated evening, as we cut it short after the business portion. Thank you to Cory, who was prepared to give a presentation on "Ancient Modulation", but graciously postponed it until later in the year so we could head home early before the snow really accumulated.

Yes, warm weather events like our Field Day may seem a ways off, but there is already a buzz in the air. And much of that buzz is coming from work going on by your fellow club volunteers behind the scenes! For example, have you seen the amazing progress being out at our clubhouse site? In case you hadn't heard, we passed the electrical inspection, insulation and paneling has gone up on the interior walls, and now it's full speed ahead on completing what is needed to get that certificate of occupancy! Soon, those who want to volunteer with clubhouse operations can step in, to set up operating positions and coax connections. Is it too soon to be thinking about an all-member "grand opening" open house event out at the club site later this spring? You can make this happen!

This has been a busy month for other committees as well. For example, our club's budget committee was appointed and worked hard to develop a balanced budget, which was presented and approved by the board of directors at their January meeting for presentation at our February club meeting. Our programs chair has been busy contacting and arranging for guest speakers for our upcoming club meetings, including a special guest you may read about later in this Crosstalk. Our Hamfest committee has initiated the process of scoping out venue, price, and date options. Our repeater committee has ordered the replacement cable needed to get our 70cm repeater back on the air. Our volunteer examiners conducted another successful license testing session. Our database chairman has been busy keeping the roster up to date with new members and change of email and member contact information. Our Club Publications chairman assembled this edition of Crosstalk while keeping our club's web page up to date with current events. Our club treasurer has

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been checking our P.O. box 370, Pitman NJ 08071 for your 2014 dues payments ahead of the March deadline (still only \$20, a bargain!), and there is much more - all of which you can expect to hear about at the next club meeting.

As we enter 2014, an amazing 55 years since the founding of our club back in 1959, we have quite a bit to celebrate, and lots of things going on. Join us! Visitors welcome. We look forward to seeing you at our next club meeting, 7:30pm at the Pfeiffer on Wednesday February 5, 2014!

Respectfully,
Jim Wright, N2GXJ

** The Punxsutawney Area Amateur Radio Club Groundhog Special Event Station also uses the W3WAN Repeater System which in our area is 441.700MHz+ (74.4PL).*

Down Jersey DXing

By Bill Grim, W0MHK

We had a variety of radio conditions in January of the New Year with not a heck of a lot of DX activity. High and low bands did yield some interesting QSO's, but no big, sustained DXpeditions were around with the exception of the 1A0KM sprint for a week out of Italy. Some over-the-pole DX action was seen, but less than in recent months. 3W1T did come in a number of days long path and short path leisurely during a number of mornings on 10 Meter CW. Hope you snagged him!

High wind gusts and some large amounts of snow greeted us the beginning of the year too! Take a "walk-around" on a warmer winter day to check your guy anchors and guy lines on your antennas to be sure they are still functional. As you know, this is a bad time of the year to contend with antenna repairs. An ounce of prevention....

While Sunspot Cycle 24 has dipped again, 6 Meters was open for a short time here in Down Jersey during the recent ARRL VHF Contest. Let's hope that is a good omen for VHF activity this summer with possible support from a sustained "second" sunspot peak. Most of us felt we were "short-sheeted" on 6 Meter activity during last summer's VHF season.

The FT5ZM team should still be up and operating from Amsterdam Island for the first half of February. I STRONGLY urge you to put some effort into working this very RARE and DISTANT DXCC entity. At this writing, the group is currently operating from shipboard under the callsign, VK6FZM/MM. For your reference, I did work them on 20 Meters around 1700Z and at 0200Z from some very rare, all water, grid locators. They also heard me on 40 Meters at 2200Z and were working East Coast USA on the same band as late as 1400Z one morning! Use these time/band spots as reference for your hunt for them when they begin their landfall operation the last week in January.

Don't forget two contests that might help your DXCC totals in February. The CQ WPX RTTY Contest is scheduled for Feb. 8th and 9th while ARRL DX Contest CW is slated for the 15th and 16th of the month. Check the ARRL and CQ Magazine websites for rules and contest details. Remember that the

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ARRL DX Contests have other entities searching for you! Take advantage of these stations beaming state-side!

With any luck the low bands should start producing more DX, but figure on 20M and 17M to be the workhorses for some long-haul DX like FT5ZM. 10, 12 and 15 Meters will be the easiest bands to work Amsterdam Is. if the solar flux is high and the solar wind is low. Here are some other diverse possibilities for your February DX menu:

CALL	DATES	HIGHLIGHTS	DIFFICULTY (5=MOST RARE)	ENTITY
A52JR	01/31 - 02/04	80-10M/SSB	3	Bhutan
S9TF	02/02 - 02/13	80-10M/CW,SB,TY	2	Principe Island
5I0DX	02/02 - 03/13	80-10M/CW,PSK,TY	2	Tanzania
T07CC	02/05 - 02/17	All Bands/Modes	2	Reunion Island
HR2	02/06 - 02/18	80-10M	1	Honduras
7P8ID	02/11 - 02/16	40-10M/SSB	2	Lesotho
YJ	02/11 - 02/25	160-10M/CW	2	Vanuatu
J7Y	02/21 - 03/10	Most Bands/Modes	1	Dominica
5X1XA	02/25 - 03/16	Most Bands/Modes	3	Uganda
XU7ACQ	02/25 - 03/21	40-10M/SB,PSK31,TY	4	Cambodia
FT5ZM	01/24-02/14(?)	Most Bands/Modes	5	Amsterdam Island

Credits : NG3K ADXO



New Jersey Emergency Preparedness Conference - May 5 - 9, 2014

Tropicana Hotel and Casino, Atlantic City, NJ

www.njepa.org



Ed Breneiser, WA3WSJ - Amateur Radio & The Great Outdoors **By Cory Sickles, WA3UVV**

GCARC welcomes Ed Breneiser, WA3WSJ for February 5, 2014 Meeting Program



Fans of HFPACK, CW, QRP, hiking and more will want to attend our February meeting. Licensed for over 40 years, Ed likes to operate his portable radios anywhere in the outdoors. He especially loves to operate as a pedestrian mobile station. He has operated as WA3WSJ/pm in such places as the Appalachian Trail through the states of West Virginia, Maryland, Pennsylvania, New Jersey and New Hampshire – as well as from Cape Henlopen State Park in Delaware, the Summit of Pike’s Peak, Colorado, Garden of the Gods Park, Colorado and The Great Sand Dunes Park, Colorado plus many other scenic locales.

Living in Reading, PA, Ed has authored a number of books about the outdoors, including “Amateur Radio Pedestrian Mobile Handbook”, “Amateur Radio and the Great Outdoors” and “The Appalachian Trail Amateur Radio Guide.” He will be bringing along copies and will be available to autograph them, as time allows.

Please come out to the meeting and give him a warm GCARC welcome!

In The Loop **By Jim Wright, N2GXJ**

Traditionally, attending club meetings and reading our Crosstalk magazine were, and still are, two ways to keep up on the general news of our club. But these days, that is not going to be sufficient. If we need to get the word out quickly in an emergency, or if there is late breaking club news, or a change to a previously announced club event, we are going to do so by electronic means.

This year, it is expected that more and more of our club news and announcements will be first communicated by email. I regularly communicate with the board of directors, the trustees, and with your committee chairs by email. They, in turn, expect to be able to communicate directly with you by email, often with a one day (or two day max) turn-around response from you expected. Regularly checking your email and our web site for updates is how you can stay “in the loop” of our club member communications.

It should go without saying, but obviously, your email address in our club database needs to be one you check regularly. Is yours? Can you check to see if yours is up to date? And while you’re there, (not to embarrass anyone) can you check your license class, and other entry data to make sure it is up to date as well?

Our database chairman, Ken N2CQ, emails out new copies of this database whenever there is an update, such as when a new member is added, or when an existing member has a change of Email, callsign, or other information. Please check your latest copy of the spreadsheet that Ken emailed to you, and quickly forward any corrections/change requests direct to him for update.



“In the loop”: QR code for fast access to our www.w2mmd.org website

Periodic(al) Reshuffling

By Cory Sickles, WA3UVV

At the end of December, just after January's Crosstalk was published, CQ announced they were consolidating CQ VHF, Popular Communications and WorldRadio Online magazines into one digital publication – to be known as “CQ Plus”. CQ Plus will be included with digital versions of CQ. I've been a digital subscriber to all the above. CQ was the only one I was also getting in print, with a subscription that extends into 2016.

Even though I write columns for Pop'Comm and WRO, I found out about it after the press releases were issued, via an email directed at columnists. As the email had a link to what CQ Plus' February issue contained, I did what anyone else in my position would do – I scanned down to see if my name and column still appeared...

The good news (at least for me) is that both will continue as long as I want to write them. While I have mixed emotions about the passing of each individual publication, I see the positives in the decision. Interestingly, I won't miss the paper, as I've rapidly become used to reading such things on my iPad – just like when Yeoman Rand handed a tablet to Captain Kirk. As with Crosstalk, which hasn't been a “tree-killer” in many years, much of the periodicals we read are on a screen.



Once you eliminate the cost of paper and ink, you can experience some dramatic savings. Even more so, when you eliminate the staggering cost of postage - which just went up AGAIN in January!

[Side Note – at Crosstalk's current page count – if we were still printing and mailing it, the costs could be well over \$2,000 this year!]

That allows publishers to be more creative with content and provide hyperlinks to background information, plus pictures, videos and audio clips. Importantly, it also allows them to save on costs and increase net income. That's the kind of thing that keeps publishers in business and supports niche markets like ham radio – a good thing, indeed.

Oh, speaking of ham radio related publications, I discovered another one in recent days. Well-written and of interest even to non-CW enthusiasts, the K9YA Telegraph (www.k9ya.org/k9ya_telegraph1.htm) is available free to subscribers. Visit the site and sign up. I think you'll have one more source of ham radio entertainment and information to enjoy.

Future Prediction (as I channel my inner “Amazing Criswell”) – I don't know exactly when, but in the not-too distant future, I expect QST to be published entirely as a digital magazine – OR – to charge a premium for the paper version. The same thing goes for QEX and NCJ, plus The Canadian Amateur - published by the RAC. (www.rac.ca)

Local News

Congratulations to :

Ray Martin, W2RM - Club member for 50 years.

Carmen Inverso, WA2TRS - Club member for 40 years.



APCO Radio Technician Certification

By Tom Gorman, KE2ES

I recently passed the Association of Public-Safety Communications Officials (APCO) Institute Radio Technician examination. Visit www.apcointl.org/institute The current examination covers the material that a 2-way Radio Technician working in a Communications center and the field should know.



The breakdown of the examination is 30% FCC Regulations (47 CFR Part 90 – Private Land Mobile Radio Services), 40% Basic Electronics and 30% Special Issues-related that are encountered in public safety communications. In general, it covers the same type of material that the FCC formerly covered in the Second Class Radiotelephone License examination with less emphasis on design and engineering and more on troubleshooting.

The APCO Institute Radio Technician Certificate is valid for a period of Five (5) years and can be renewed provided the holder meets the recertification requirements.

ARRL Centennial Celebration – offer to operate a W1AW/2 station

By Jim Wright, N2GXJ

As you might have seen via email a few weeks ago, we received an invitation to participate in the ARRL’s centennial celebration this August, as a New Jersey station W1AW/2. Interested? Anybody want to operate on the end of a pile up with that call from our new club station? Let’s talk about it at our next club meeting.

Welcome New Club Member:

Andy Muenzenberger KF2AQ, who holds an Advanced class license and lives in Pitman, NJ.

Welcome Back Club Member:

David Paster AC2IQ, who holds an Amateur Extra class license and lives in Williamstown, NJ.

We are glad to have you as members of the Club and hope to see you regularly at Club functions and meetings.

Don’t Hangup That Old Cell Phone

By Cory Sickles, WA3UVV

If you’ve upgraded your cellular telephone recently and still have your previous model, you may want to hold onto it. While there are charities that will accept them and find new uses for your older phone, you might want to keep it around – in your car.



Even though it’s been “deactivated”, it can still be used to call 911. So, if you just so happen to leave home without your primary one, or forgot to charge it, having the old one in the glove box or in an under-seat compartment might come in handy.

Take it out once a month and charge it up. It’s always good to have a backup.

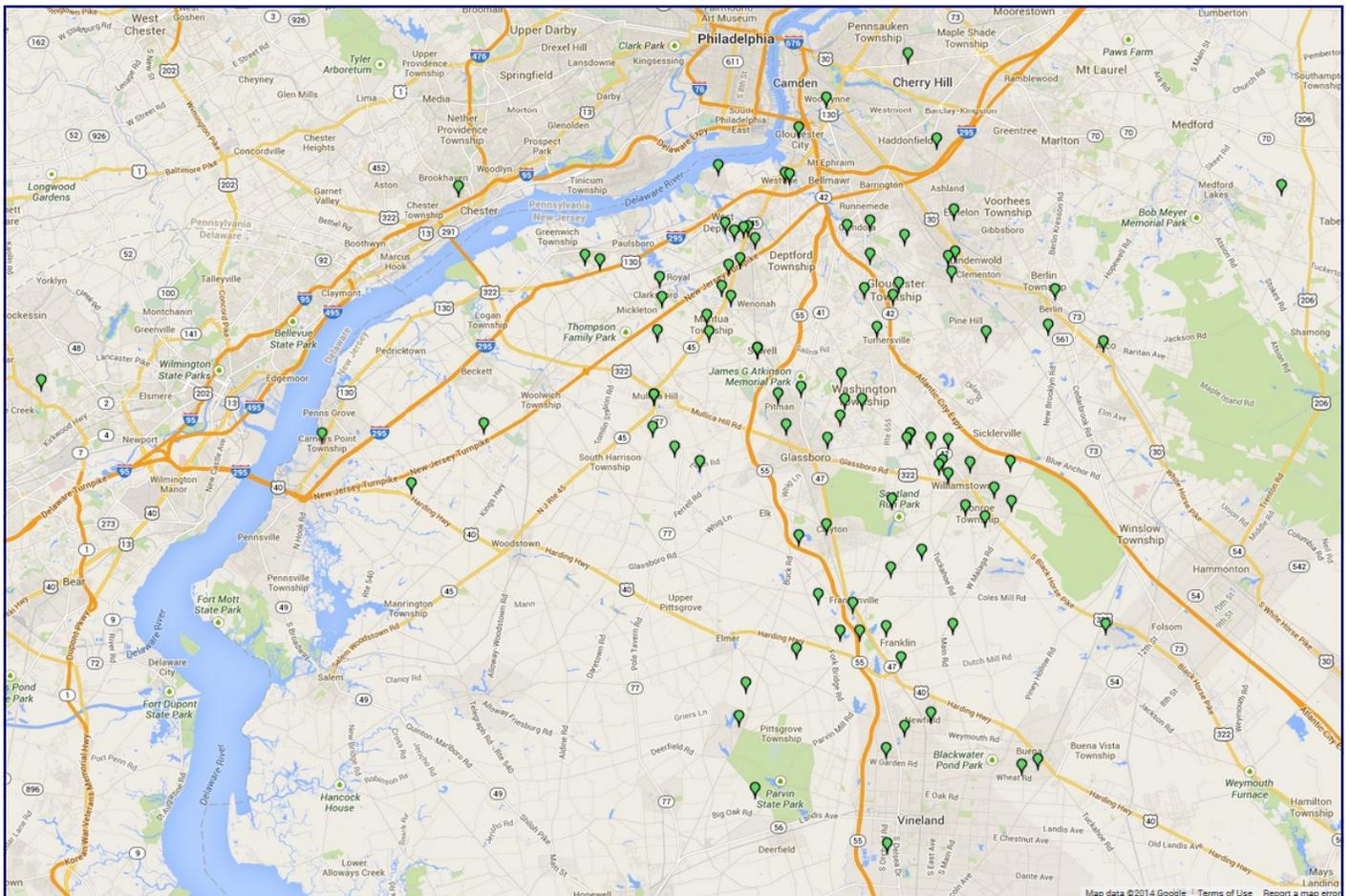
Dots me!

By Jim Wright, N2GXXJ

Gloucester County is easily accessible from most areas in the tri-state NJ/PA/DE region, and, indeed we have club members who live and/or work in each of these states and in several of the counties located nearby here in southern New Jersey. Looking at our club's roster, you can see the range of home QTH zip codes and addresses. They're all over. However, being in spreadsheet form, you can sort the list in different ways to see different information. For example, if you sort by ST & ZIP, and then by TOWN, you can get an idea of other club members that may be "in the neighborhood" of where you live, so to speak.

If you had a little time one afternoon, you could maybe take it a step further, and plot those addresses on a map, to better visualize who those radio neighbors might be. Of course, in this day and age of computers and the internet, you don't have to do this by hand anymore. Ignoring those members that only listed P.O. box addresses in the database, you can have the computer do it for you, with some help from Google and mapalists.com.

Though our club's activities generally concentrate, for convenience, here in Gloucester County, there are no geographic limitations to membership. Check out what I ended up with when trying to plot GCARC member's QTH. It's not perfect – some member info is missing, and some of the plotted locations are in error. But it's not bad. Is your 'dot' on the map? Who are your 'club neighbors'? Maybe you'd like to talk with them about getting together outside of club meetings and events? Have fun exploring!



GCARC Members QTH Map

Weathering Heights

By Cory Sickles, WA3UVV

For decades, the National Weather Service (NWS) has build and expanded a network of NOAA Weather Radio (NWR) stations that continuously broadcast current conditions, forecasts, items of interest and very importantly – hazards and warnings. There is also a similar system run by Environment Canada (http://weather.gc.ca/canada_e.html) that serves our “Neighbours to the North”.

Using 7 channels: 162.400, 162.425, 162.450, 162.475, 162.500, 162.525 and 162.550 MHz, it’s safe to say that every area of the US is covered by at least one transmitter. In many cases, cities like Philadelphia have several, with overlapping coverage.

As the NWR system evolved and progressed, several significant changes occurred. A 1050 Hz tone alert was added to “wake up” receivers in stand-by mode, as when signs of tornadoes were appearing in an area. Then, the announcements were digitally synthesized and intelligibility improved, finally settling on a single male and female voice – known as “Tom” and “Donna” respectively, with “Javier” for a small group of Spanish language stations.

The most significant upgrade was Specific Area Message Encoding (SAME). This allows NWS and NWR to target smaller areas, instead of a broader one, as served by the footprint of the transmitters. In our area, SAME specifics are assigned by county. In the SNJ section, it’s:

Atlantic	034001
Camden	034007
Burlington	034005
Cumberland	034011
Gloucester	034015
Mercer	0340__
Ocean	034029
Salem	034033

You can also find the codes for EPA and DE, plus a plethora of other useful information at www.nws.noaa.gov/nwr.

Most 2 Meter FM rigs sold today - such as the Kenwood TM-281A - include NWR channel reception and many include the tone alert decoder. I don’t remember seeing any with SAME decoders, but that might be less useful than you would initially think, as you’d have to keep a batch of codes in memory, due to travel possibilities. (Sometimes, information is more useable when less detail is given)

If you don’t have a Weather Radio at home, or yours doesn’t have SAME capabilities, now would be a good time to upgrade. Additionally, a small and inexpensive weather station with inside/outside temperature, humidity and barometric pressure displays is handy. If you want to join SKYWARN as a trained weather spotter, then additional “stuff” like wind speed, direction and rain accumulation is very helpful.



What’s SKYWARN? Basically, it’s a community service that NWS runs with volunteer Weather Spotters (different than Storm Chasers) that assist local NWS offices – like Mount Holly – by reporting conditions on the ground. Doppler RADAR has improved over the years, but since the earth is curved (with apologies to the Flat Earth Society) the RADAR signal misses

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details at lower altitudes and ground level – more so the further away from the site.

You don't have to be a ham to participate in SKYWARN, but many of us are. If you'd like to participate in this program, ask around at the February meeting. Many GCARC members have Basic or Advanced SKYWARN training. Alternately, visit <http://www.erh.noaa.gov/phi/skywarn/index.html> for information, including upcoming training sessions.

Having a SAME Weather Radio helps you and your family. SKYWARN training allows you to also help your community.

Trustee Update

By Jim Wright, N2GXJ

Ray Martin has been appointed to fill the remainder of the term of the vacant trustee position formerly held by Bill Szkromiuk, who's moving 'down south' to the Carolina's for some well-deserved R&R (is that a 'Redneck Retirement'?). Just kidding with ya, Bill! You'll be missed! Ray takes on this new responsibility in addition to continuing as chairman of our clubhouse replacement project. Please join me in congratulating Ray on his new position.

New Digital Radio Chip

By Cory Sickles, WA3UVV

Frontier Silicon has announced the Chorus 4, a single-chip solution for digital radio reception that integrates an RF front end, baseband, application processor and DAC. It's intended to be incorporated into consumer radios for analog AM and FM use, plus DAB, DAB+, HD Radio and DRM. It also sports a lower current requirement than current technology. It also includes Bluetooth connectivity.

Samples and development software are available. For more info, check out www.frontier-silicon.com.

Budding Historians

By Jim Wright, N2GXJ

As many of you know, club member Art Strong K2AWS did an excellent job while he was club historian getting much of our early club historical records scanned into electronic form. Jeff KC2WCS, who has now assumed that role from Art, has made much of this material available for free (but with copyright reserved) from our club's website.

If you are interested in exploring some of this scanned history from our club, inclusive of many hand-typed Crosstalk newsletters, try exploring the "Club History" and deep "Club Archives" tabs on the left side of our club's excellent web site, www.w2mmd.org

If you have any historical information not already in the archives that you'd like to share, be sure to let Jeff know. He'll take it from there.

Have fun, all you budding historians out there!

February Birthdays

Congratulations to these
members celebrating birthdays this
month

Chuck Colabrese WA2TML

Tom Cusack KC2THO

Matthew Katsoris WV2O

Vinny Sallustio N4NYY

Herbert Schuler K2HPV

Thomas Snorf KC2IKD

Bill Szkromiuk W4WCS

Christine West WA2MVU

Milton Goldman K3WIL (SK)

George Munns KB2GW (SK)



ARRL 2013 Field Day Results for the Gloucester County Amateur Radio Club

	2013	Rank		Total #
Score	11,368	#27	out of	2,547
Category	11A	#1	out of	2
QSOs	2,937			
Power Mult	2	#21	out of	2,149
Section	SNJ	#2	out of	21
Division	AT	#4	out of	252
Participants	35			

UK DX BPSK63 Contest

January 11, 2014

Call: N2CQ

Operator(s): N2CQ

Station: N2CQ

Class: Single Op HP

QTH: 2037

Operating Time (hrs): 4

Location: USA

Summary: Compare Scores

Band QSOs Mults

20: 45 38

15: 44 53

Total: 89 77

Total Score = 8,085

Club: [NONE]

North American QSO Party, SSB

January 18-19, 2014

Call: WB2P

Operator(s): WB2P

Station: WB2P

Class: Single Op LP

QTH: NJ

Operating Time (hrs): 09:59

Location: USA

Summary: Compare Scores

Band QSOs Mults

160: 0 0

80: 76 28

40: 113 37

20: 44 24

15: 2 2

10: 9 6

Total: 244 97

Total Score = 23,668

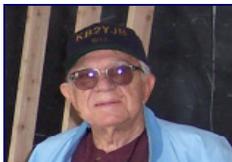
Club: Gloucester County Amateur Radio Club

Local Radio Events

By Jim Wright, N2GXJ

Several members of the NJ2GC radio club in Gloucester City are also members of our Gloucester County Amateur Radio Club. Because of this, we can offer you the 'inside scoop' on other local radio events happening in and around our area that might be of interest to you.

For example, on Saturday morning February 15, an indoor Hamfest is being held at the Pine Grove Fire Association Hall in Gloucester City. A link for more information about this event is available on our web site, w2mmd.org.

	<h1>Gloucester City Amateur Radio Club</h1> <h2>NJ2GC</h2>	
<p>This site is dedicated to the memory of Bill Hunsinger, KB2YJB-SK</p>	<h3>Dwell on the Beauty of the Journey through Amateur Radio rather than the Destination.....</h3>	<p>Winner of the Gloucester City Silver Eagle Mike Award for Communications Excellence - 2012</p>

Gloucester City Hamfest, Saturday, February 15, 2014

The officers of the Gloucester City Amateur Radio Club are proud to announce that the Club will be conducting an ARRL approved Hamfest on Saturday, February 15, 2014 beginning at 6AM and closing at 3PM. Dealers may set up the evening prior to the event. Breakfast will available along with refreshments during the hamfest. The location is the Pine Grove Fire Association Fire Hall, 827-829 Jersey Avenue Gloucester City, NJ. The facility is well suited to limited ability access. Admission fee is \$5.00. Tables are free and there are many tables (full size) available. Plenty of parking including some off street. The event is entirely indoors so there is no tailgating. Talk in will be maintained on the NJ2GC repeater, 447.775 Mhz, 146.2 Hz. Further information can had via email: kb2adl@comcast.net, Cell phone: 856-397-3703. Potential dealers are cordially invited to contact Jay Goheen: kb2adl@comcast.net as to their table requirements and floor location. A flyer with more details will be available on the Club website: nj2gc.org. See you there. 73, Jay, KB2ADL, Secretary, G.C.A.R.C.

<h1>FROSTFEST</h1>	<h2>The Mid-Atlantic's Largest Winter Hamfest!</h2>
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Frostfest 2014 is approaching! It will be held on Saturday, February 1, 2014 at the Richmond Raceway Complex, from 8:30AM until 3:30PM. Frostfest is sponsored by the Richmond Amateur Telecommunications Society.

We are looking forward to a great hamfest with manufacturers' representatives, new radio dealers, accessory dealers, and many, many tables filled with amateur radio equipment of all descriptions. There will be VE Testing, forums and meetings, and much, much more.

Our Grand Prize is \$1,000 in Frostfest Buck\$. Also, Early Bird ticket holders will be able to enter at 8AM, 30 minutes before General Admission starts!

For more details, ticket and table online purchases, please go to : <http://www.frostfest.com>.

Czech This Out

By Cory Sickles, WA3UVV

If you are looking for something a little different in the way of a military-grade straight key, browse over to www.CzechMorseKeys.com and take a look. These unique keys are available for \$45, plus shipping/mailing. When you consider what a good-quality key is going for these days, that's a bargain.



Stock is running low, so if you would like a good first key, or want to add to your collection with an attractive conversation piece, ordering now would be prudent. Also, Karen and Jim are very nice hams and offer great customer service!

Charter Member

By Jim Wright, N2GXJ

A number of our members have long history with the club. With this being our 55th anniversary year, I had an interest in looking back into the archives, to explore the rich history of this club over the years. An article by Doug WA2NPD, from back in our 50th anniversary year, reminded me (and a quick check from the early records confirmed), that we have a charter club member from back then who is still active with our club today, namely Charley, K2PQD! If you've not met Charlie, make it a point to introduce yourself next time you get the chance. He lives in our area, and often stops by at the Friday 11am brunch out at the Seven Star Diner.



Here's a story about four people:

Anybody, Everybody, Nobody and Somebody.

Once upon a time, there was an important job to be done.

Everybody was asked to do it.

Anybody could have done it, but Nobody did it.

Somebody became angry because it was really Everybody's job.

Everybody thought Anybody could do it, but Nobody realized that Everybody wouldn't do it.

In the end, Everybody blamed Somebody when Nobody did what Anybody could have done...

“Spring Has Sprung” Radio Direction Finding FoxHunt

By Jim Wright, N2GXJ

Oh yea! Dust off your handheld and get ready to hop in the car for some RDF fun here in Gloucester County. What's a 'foxhunt' you ask? Glad you did! It's nothing but a family friendly driving, navigating, and radio direction finding skills activity all in one. Just check out the links from previous GCARC Fox Hunts from the tab on our web page, www.w2mmd.org to learn more.

Has it been a while since you joined us on a foxhunt? Well, call a fellow club member and partner up to give this one a go. Never tried a radio foxhunt before? Well, call me, and we'll get you teamed up to ride along for some first time fun!

We're giving you plenty of advanced notice on this one, so reserve the date! Date: Sunday March 9, Time: 1-3pm. What better way to celebrate the leap to Daylight Savings Time on that day than with a “Spring has Sprung” foxhunt!



ALL U CAN EAT BREAKFAST

WHAT: ALL U CAN EAT BRKFAST W/ ALL THE TRIMMINGS

WHEN: SUNDAY—9 FEBRUARY—7 A.M. >>> NOON

WHO: FRANKLIN TWP MARINE CORPS LEAGUE

WHERE: VFW 2071, 2179 DELSEA DRIVE, FRANKLINVILLE

WHY: BENEFIT GLOUCESTER CO 4-H CLUB TRACTOR FUND

DONATION: \$7.00 ADULTS—CHILD UNDER 10 \$3.50

\$\$\$ DONATIONS ALSO ACCEPTED. \$\$\$



ONE OF THE TRACTORS NECESSARY FOR THE GLOUCESTER CO FAIR HOSTED BY THE COUNTY 4-H CLUB WAS STOLEN!!

ALL PROCEEDS FROM THIS EVENT GO TOWARD REPLACING THIS TRACTOR.

FOR TIX CALL 856-649-8117---CAN U ALSO SELL SOME TIX??—Call same #

Crosstalk Submissions

This is your Club newsletter. Make use of it.

Feel free to contribute general interest articles and ideas for articles.

All submissions, queries, comments and editorials should be addressed to Jeffrey Garth, KC2WCS at jeff.garth@comcast.net.

Submission deadline for the March issue: Saturday, February 22, 2014

Club Website <http://www.w2mmd.org>

Club E-Mail Reflector: gcarc@mailman.qth.net

“Blast From The Past”

From Crosstalk, February 2004

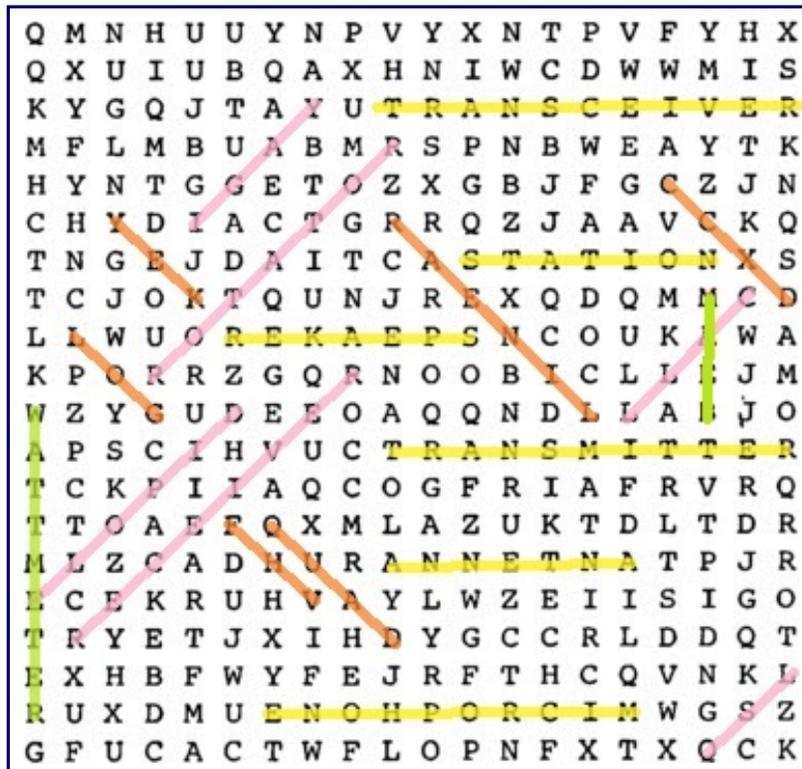
John Fisher, K2JF, passed on the following tongue-in-cheek investment advice for 2004:

In the wake of the Exxon/Mobil deal and the AOL/Time Warner implode, be aware of the next expected mergers so that you can get in on the ground floor and make some BOG bucks. Watch for these consolidations in 2004:

1. Hale Business Systems, Mary Kay Cosmetics, Fuller Brush, and W. R. Grace Co. will merge and become: Hale, Mary, Fuller, Grace.
2. Polygram Records, Warner Bros., and Zesta Crackers joins forces and becomes: Poly, Warner, Cracker.
3. 3M will merge with Goodyear and issue forth as: MMMGood.
4. Zippo Manufacturing, Audi Motors, Dofasco, and Dakota Mining will merge and become: ZipAudi-DoDa.
5. FedEx is expected to join its major competitor, UPS, and become: FedUP.
6. Fairchild Electronics and Honeywell Computers will become: Fairwell Honeychild.
7. Grey Poupon and Docker Pants are expected to become: Poupon Pants.
8. Knotts Berry Farm and the National Organization of Women will become: Knott NOW!

From Crosstalk, January 1984

Thanks to Tony, N2SS



Answer to
January's
Crossword Puzzle

Find these hidden words in the above puzzle:

ANTENNA	BEAM	CALL	DIPOLE	DXCC
KEY	LINEAR	LOG	MICROPHONE	QSL
QUAD	RECEIVER	ROTATOR	SPEAKER	STATION
TRANSCEIVER	TRANSMITTER	VHF	WATTMETER	YAGI

Contest Calendar

For more information on the contests, please go to the WA7BNM Contest Calendar website:
<http://www.hornucopia.com/contestcal/>

February 2014

+ Vermont QSO Party	0000Z, Feb 1 to 2400Z, Feb 2
+ 10-10 Int. Winter Contest, SSB	0001Z, Feb 1 to 2359Z, Feb 2
+ Black Sea Cup International	1200Z, Feb 1 to 1159Z, Feb 2
+ Minnesota QSO Party	1400Z-2400Z, Feb 1
+ AGCW Straight Key Party	1600Z-1900Z, Feb 1
+ British Columbia QSO Party	1600Z, Feb 1 to 0400Z, Feb 2
+ Delaware QSO Party	1700Z, Feb 1 to 0100Z, Feb 3
+ Mexico RTTY International Contest	1800Z, Feb 1 to 1759Z, Feb 2
+ North American Sprint, CW	0000Z-0400Z, Feb 2
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 7
+ CQ WW RTTY WPX Contest	0000Z, Feb 8 to 2400Z, Feb 9
+ YL-ISSB QSO Party, CW	0000Z, Feb 8 to 2359Z, Feb 9
+ SARL Field Day Contest	1000Z, Feb 8 to 1000Z, Feb 9
+ Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 8
+ Dutch PACC Contest	1200Z, Feb 8 to 1200Z, Feb 9
+ New Hampshire QSO Party	1600Z, Feb 8 to 2200Z, Feb 9
+ FISTS Winter Sprint	1700Z-2100Z, Feb 8
+ Classic Exchange, Phone	1400Z, Feb 9 to 0800Z, Feb 10
+ NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Feb 12
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 14
+ ARRL Inter. DX Contest, CW	0000Z, Feb 15 to 2400Z, Feb 16
+ AGCW Semi-Automatic Key Evening	1900Z-2030Z, Feb 19
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 21
+ CQ 160-Meter Contest, SSB	2200Z, Feb 21 to 2200Z, Feb 23
+ REF Contest, SSB	0600Z, Feb 22 to 1800Z, Feb 23
+ UBA DX Contest, CW	1300Z, Feb 22 to 1300Z, Feb 23
+ North American QSO Party, RTTY	1800Z, Feb 22 to 0559Z, Feb 23
+ High Speed Club CW Contest	0900Z-1700Z, Feb 23
+ North Carolina QSO Party	1500Z, Feb 23 to 0059Z, Feb 24

2014 Club Officers - 1 year term

President :	Jim Wright, N2GXJ
Vice President :	Cory Sickles, WA3UVV
Treasurer :	Al Arrison, KB2AYU
Recording Secretary :	Sheldon Parker, K2MEN
Corresponding Secretary :	Bart Conrad, KC2WVP

Board of Directors - 3 year term

Chuck Colabrese, WA2TML	<i>(2012-2014)</i>
Dave MacDonald, WB3JOY	<i>(2012-2014)</i>
Jeffrey Garth, KC2WCS	<i>(2013-2015)</i>
Mark Townsend, W2OCY	<i>(2013-2015)</i>
Dan Tremolini, N2TXG	<i>(2014-2016)</i>
John Zaruba Jr, K2ZA	<i>(2014-2016)</i>

Trustees - 4 year term

Ray Schnapp, WB2NBJ	<i>(2011-2014)</i>
Martin Wilt, W2ILT	<i>(2012-2015)</i>
Ray Martin, W2RM	<i>(2014-2016)</i>
Brian Jones, KD2BXD	<i>(2014-2017)</i>

Committee Chairs

Awards and Contests	Kenny Denson, WB2P
Budget	Al Arrison, KB2AYU
Clubhouse Replacement Project	Ray Martin, W2RM
Clubhouse Site	Al Arrison, KB2AYU
Club License Trustee	Darrell Neron, AB2E
Club Publications	Jeffrey Garth, KC2WCS
Community Outreach	Cory Sickles, WA3UVV
- Scout Liaison	Frank Simila, KC2SJ
Constitution and By-Laws	Ron Block, NR2B
Database	Ken Newman, N2CQ
DX	Bill Grim, W0MHK
Emergency and Public Service	Joe Shevlin, KC2PHM
- ARES/RACES	Joe Shevlin, KC2PHM
- CERT	Martin Wilt, W2ILT
Field Day Co-Chairs	Mark Townsend, W2OCY and Kyle Townsend, W2KBT
Hamfest Co-Chairs	Tom Gorman, KE2ES and Harry Elwell, K2ATX
- Hamfest Contact	Cory Sickles, WA3UVV
Health and Welfare	Ray Martin, W2RM
Historian	Jeffrey Garth, KC2WCS
Hospitality	Dave MacDonald, WB3JOY
Membership	Cory Sickles, WA3UVV and Ray Schnapp, WB2NBJ
Nominations	Jim Wright, N2GXJ
Programs	Cory Sickles, WA3UVV
Publicity	Cory Sickles, WA3UVV
Repeaters	Al Arrison, KB2AYU
Special Services	Darrell Neron, AB2E
Technical and TVI	Cory Sickles, WA3UVV
VEC Liaison and License Testing	Gary Reed, N2QEE



The W2MMD Repeaters

Output: 147.180 MHz
Input: 147.780 MHz
Offset: +600 KHz
PL Tone: 131.8 Hz

Output: 442.100 MHz
Input: 447.100 MHz
Offset: +5.0 MHz
PL Tone: 167.9 Hz

Output: 1284.400 MHz
Input: 1272.400 MHz
Offset: -12.0 MHz
PL Tone: None

The above 3 repeaters are all
located in Pitman, NJ
GPS: 39.728481°, -75.131088°

Output: 224.660 MHz
Input: 223.060 MHz
Offset: -1.6 MHz
PL Tone: 131.8
Location: Sewell, NJ
GPS: 39.781382°, -75.099963°

Nets

GCARC 2M Ragchew Net
Thursday, February 20, 2014
20:00 Hrs
147.180+ MHz (PL131.8Hz)

ARES/RACES
Sunday 20:00 Hrs
147.180 and 224.660 repeaters

GCARC Meetings

General Membership

19:30 Hrs, Wednesday, February 5, 2014
Pfeiffer Community Center
Williamstown, NJ

Board of Directors

19:00 Hrs, Wednesday, February 19, 2014
GCARC Clubhouse
Harrison Twp. 4-H Fairgrounds
1 mile south of Mullica Hill on RT77

Club Meeting Program

Wednesday, February 5, 2014

Ed Breneiser, WA3WSJ
Amateur Radio & The Great Outdoors

**Club dues
deadline is
April 2, 2014**

GCARC 11:00 AM Brunch
Every Friday @
The Seven Star Diner
1890 Hurffville Road, Sewell, NJ

Gloucester County Amateur Radio Club - P. O. Box 370 - Pitman, NJ 08071