

CROSSTALK

Volume 54 Issue #6

June 2013

President's Message

June is upon us and with it comes Museum Ships Weekend, Father's Day, the beginning of summer and Field Day weekend.

Work is proceeding at the clubhouse site and arrangements are being finalized to dispose of the old trailer and move the new one in place.



Last Friday I had the opportunity to have lunch with several club members at the Seven Seas diner. Joining us was Ray Schnapp, WB2NBJ who we hadn't seen in some time. I'm pleased to report that Ray and his XYL, Marge are both doing well. Ray has been a member of the club for many years and is to be commended for his service. This past weekend he was busy removing items from the old trailer that will be reused on the new one.

It turns out that both he and I grew up in Queens, NY. We both remember visiting Radio Row which was located downtown New York City on the site of what was to be the World Trade Center towers. Shops after shops of military surplus radios and hard to find tubes, component parts, etc. Ray attended a vocational trade school where he studied electronics. After graduation from high school he joined the Navy where he again studied electronics. He was in the Navy from 1950 through 1954. During this time he served aboard the USS San Pablo, a Navy destroyer with its home port at the Philadelphia Naval shipyard. He held the classification as an electronic technician. After the Navy, Ray and Marge raised their family in South Jersey where Ray retired as an instrument technician after many years.

Ray enjoys working 20 meter SSB and participates in a morning net with his friends. He also enjoys working 20 meter mobile operation. His HF equipment consists of both Ten Tec and Yaesu radios, with a Cushcraft Tri band yagi up at 45 feet. Ray is a very interesting person and we're privileged to have him a member of the club.

Our next general membership meeting will feature our very own Darrell, AB2E who will share his experiences related to DX-Expeditions. Looking forward to seeing everyone there.

Thanks and 73,

Tom, KE2ES

Down Jersey DXing

By Bill Grim, W0MHK

Looks like more of the same for you DX-starved Down Jersey radio amateurs. Solar activity has not been very kind to us in May with solar flare induced storms playing havoc with the earth's geomagnetic fields quite often. Solar flux has been up nicely, but the earth's magnetic fields have been constantly distorted by various huge solar eruptions. Check out www.spaceweather.com for some interesting videos of the solar events of the past month.



Number One on our favorite DX choices for June is none other than our own GCARC member, Harry, AA2WN. Harry will be leaving May 30 for a one week stay to dive and DX in beautiful Fiji. He has applied for a Fiji license, but no call has been assigned to him yet. Looks like he will have to pick it up at appropriate government office on Fiji. Harry is a top-notch operator, and I'm sure he would be most happy to QSO and QSL you for a Zone 32 contact from the Pacific.

Harry will also be diving and DXing next month from the Cayman Islands (ZF). He will be noted in next month's column for that effort. He is partial to CW but operates the other modes with great efficiency too. 17 Meters might be his best chance to work you here in SNJ from the afternoon on, depending upon conditions.

June is usually a significant Sporadic E skip month for 6 Meters. Let's emphasize 6M possibilities this month while the high bands get into their often less-productive summer configurations. Don't let June and early July slip by without checking the Magic Band often on your transceiver (use scan mode too, if you have it) and on any appropriate DX clusters. There should be foreign and domestic openings with occasional signs of life seen in May so far this year.

Be aware that the duration of some of the openings may make your head swim! They can be extremely brief or last for hours and change direction often too! IN GENERAL, try listening and checking clusters from around 9AM to noon local time and 4PM to 8PM too. There is potential to work many USA grids and foreign grids also. But unfortunately, no guarantees go with this information!!! Six Meters can be an extremely unpredictable and often disappointing band. But if you hit a good opening or a few, you might get "hooked" on the band's 10 Meter-like low power and great distance possibilities.

If you haven't already found www.DXmaps.com, what used to be called the old Sherlock Website, I would Google it and check out its tools for VHF QSO hunting. The refreshed maps give you a graphic idea of who is making what QSOs where and denoting the type of skip probably used to make the QSO.

It's interesting to check regions of the world like Europe making tons of QSOs with fellow European stations, while we sit in North America hoping to hear a local or a beacon!!! Recent QSOs are also in list form with appropriate grids to hone your chance to hear or work a new one. For you Technicians, this website provides this data ALSO for 10 Meters.

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Lots of North American vacation spots are on the list for this month. Note the asterisk for implied 6 Meter operation from some of following stations:

CALL	DATES	HIGHLIGHTS	DIFFICULTY (5=MOST)	ENTITY
3D2	6/1 - 6/7	High Bands/OC-016	3	Fiji
FJ *	6/3 - 6/10	80-6M/CW, SSB, RTTY	1	St. Barts
PJ4V *	6/4 - 6/16	100W/SSB/HOLIDAY-STYLE OP	1	Bonaire
C6AVV *	6/8 - 6/15	In June VHF Party/80-6M	1	Bahamas
FS *	6/11 - 6/28	80-6M/FS/K9EL	1	St. Martin
VP2V *	6/14 - 6/28	6M Emphasis/50.115.6 Beacon	1	British Virgin Islands
JW9LKA	6/15 - 6/30	Via LA9JKA	2	Svalbard
V31IV *	6/20 - 7/1	80-6M	1	Belize
KG4	6/22 - 6/29	HF	1	GITMO
PJ2 *	6/28 - 7/7	10-15M + 6M	1	Curacao

Credits : NG3K ADXO

Welcome New Club Members

Elwood G Jacobus, WB2QEF, who holds a General class license and lives in Tabernacle.

James E Quinn, KD2JEQ (previous call: KD2EAK), who holds a General class license and lives in Sewell.

Anthony W Otlowski, KD2AFY, who holds a General class license and lives in Williamstown.

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



Jerry, WB2QEF



Jim, KD2JEQ



Tony, KD2AFY

Club Meeting Program June 5: Radio DX-Expedition!

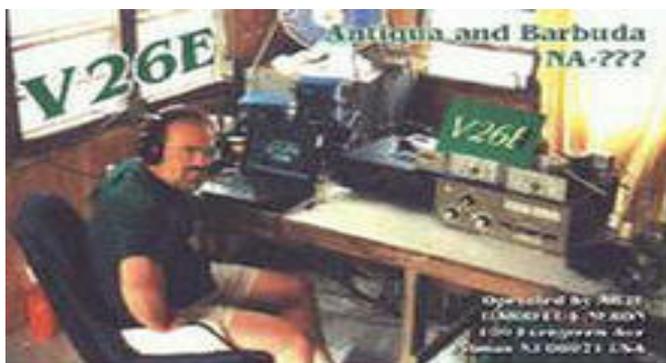
By Jim Wright, N2GXJ

Please join us in supporting and welcoming our own Darrell Neron (AB2E) as guest speaker at our Wednesday June 5th club meeting! As one of the 4 founders of the V26B superstation (www.n3oc.dyndns.org/v26b/), which was begun in 1993 and still operates today, Darrell knows a little bit about “taking Field Day with you to another DX entity”, aka the travel hobby within the radio hobby, called DX-peditions. Ever been curious about what a “DX-expedition” is all about, or what it takes (beyond being a little crazy) to participate in one? Then this is an evening you won’t want to miss.

Darrell will be treating us to an overview of “DX-peditioning” in general, and then will share with us some of his first-hand experiences from personal DX-peditions to V2 (Antigua), ZP (Paraguay), EI (Ireland), GJ (Jersey Island), G (England), and KP2 (St. Croix, USVI). He’ll also be playing sound clips from his 2012 DX-peditions to V2, to give us a better feel for what it is like to be on the receiving end of DX-pedition pile-up!

And speaking of the June 5 meeting, we’ll also be discussing our upcoming Field Day (June 22-23), and plans for our summer family picnic at the Red Bank Battlefield Park on July 13.

Hope to see you there!



2012 CQWW SSB OPS



Six Meter FM – Now in a Handy, Personal Size

By Cory Sickles, WA3UVV

Back in March, I discovered a new product. It was a 2M/6M handheld radio from Wouxun (KG-UVD1P) – one of the Chinese manufacturers that have become part of the VHF/UHF fabric of amateur radio. For some time, Wouxun has produced a 2M/4M unit for sale in Europe – where they have an allocation at 70 MHz. I hoped they would build one for 50 MHz and they finally did.

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After placing my order with Main Trading in Texas, (www.mtrcradio.com) I was informed the last one had just been sold before my order was posted, so I would have to wait a few weeks for the next batch to arrive. "A few weeks" became "a few months", but my patience paid off on May 16th, when it arrived.

So far, I have found 4 repeaters I can hit while standing in my driveway – using the supplied "rubber duckie". With a quarter-wave antenna, I can do even better. It might surprise you just how many 6M repeaters there are in our area. Plus, there are some surprises in store for you on 52.525 MHz, the national calling frequency. (Like 146.52 on 2M)

It certainly is an upgrade from my Regency HR-6, although that radio does boast 25W. While I can use my IC-706 or FT-817 for 6M, having a very portable radio for just under \$120 (current sale price – including free shipping) was too good to ignore.

In years past, I have been able to work a surprising number of stations during band openings with just a simple antenna. My first foray with a 6M portable was a low-band Motorola HT-200. As with 10M FM, there's some fun waiting for you out there and new hams to meet. I'm hoping that a 2M/10M version is going to be available in the near future. Even better, one that's 6M/10M...



Whiskey-Two-Mike-Mike-Delta! Whiskey-Two, Make-My-Day!

By Jim Wright, N2GXJ

At 2pm on Saturday June 22, all heck is expected to break loose on the ham bands, and your club should be right in the thick of it! Powered by "off the grid" generators and dedicated volunteers, with setup and operations conducted in a field under less than optimal conditions, some might call Field Day 24 hours of radio mayhem. Others just call it fun! If there is just one event you participate in with your club each year, this should be it!

So, you ask, "How can I participate? How can I be involved?" Easy, just come on out! Visitors welcome too! Everyone is encouraged to come out, if even just for a little while, to do a little bit to help set up, and/or help at one of the stations with radio operation or logging, and/or to be on hand to welcome dignitaries and other visitors that come out to the site, and/or to help with the food setup or other needs as they come

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up, and/or just to be part of the social scene of your club on field day.

As mentioned in last month's Crosstalk, I'll be setting up and operating a 15 meter (21 Mhz) ham band station at our Field Day site that will be capable of both voice and digital modes. With good solar conditions, 15M could be hopping right from the start time until several hours after sunset. I've still got half-hour timeslots available if you are looking to volunteer to help me with logging and/or operating of the station. If you think you might be interested, just let me know. I have a sign-up list that I will bring to the next club meeting, but even if you don't get on the list, walk-up operators are welcome too. So do stop by at least say "hello". I'll bring an extra lawn chair or two, just waiting for you!

As always, directions, more details, and any late breaking updates will be available from the home page and "Field Day 2013" link on left side of our excellent club website w2mmd.org.



Thank You, Gene! Thank You, Jeff!

By Cory Sickles, WA3UVV

As with any organization that continues to evolve and grow, it takes many people – doing many things – to make it all happen. Some of these folks are more visible than others. They may be folks you see at each meeting or talk to on the air or write articles in Crosstalk.

Having a vibrant newsletter that reaches all of our members – whether they attend each meeting or not – is essential to communicating with everyone. The one key position to any publication is its editor. For many a year, Gene Schoeberlein, AA2YO, has been that editor. Gene has cajoled, reminded, held deadlines and reassembled many an article from a variety of authors. Often, he has put aside some family time to wait for a President's Message or other "almost there" piece to complete or include in our monthly publication.

Although you didn't see his writings all that much, you did see the efforts of his work. Though he took care of business quietly, the final product showed the love and passion he holds for amateur radio and the

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Club. We all owe him a huge “THANK YOU” for his service. I, for one, will miss our almost-monthly ritual of “you got anything? – yeah, just give me till the end of tomorrow”...

Now, Gene has handed the reins over to Jeff Garth, KC2WCS. Jeff has already demonstrated some “mad skills” with our highly-complimented web site, when he took over from Art Strong, KA2DOT, who himself made tremendous improvements over the look, feel and content of what is for many, our club’s first impression to prospective hams and future members.

I’m certain Jeff will be adding to the foundation and structure Gene has worked on. Getting anyone to volunteer for anything these days is difficult. Let’s all thank Gene for what he’s done and Jeff for what he’s taken on!

Remember too, that Gene always mentioned that Crosstalk is your newsletter. It isn’t the purview of just a select few. Any of us can add to the content – whether it’s some idea, experience to share, new information or product announcement. Even if you don’t consider yourself much of a writer, don’t worry, that’s what the editor’s job is. Just take a few minutes, now and then, to jot down some ideas you think would be of benefit to others. I’m sure it will be appreciated!

Shut down of cell phones in time of crisis?

By Jim Wright, N2GXJ

The route of the Boston marathon goes right past my daughter’s college in suburban Boston. It is a tradition there for hundreds of students line the route to form a human tunnel to cheer on the participants in the annual event. It was long after the majority of the runners had passed her college this year when the horrific events unfolded downtown. Shortly after the news got out, students crowded around commons room televisions to try and keep up with the unfolding news. In this day of taking cell phone communications for granted, these students found themselves suddenly lost and desperate for news of their fellow students that had been in the race, and from friends that had gone downtown to watch the finish. For whatever reason, the seemingly reliable cell phone system was failing them now, at the time when they needed it the most. What was going on here?

It is with that question in mind that now, a month later, that I made a few queries to Google on this subject. A couple of articles caught my attention, including one titled “Silent Cells”, posted Tuesday April 16, 2013 which I retrieved from this web site: http://www.slate.com/articles/news_and_politics/explainer/2013/04/cellphones_after_boston_marathon_bombing_can_the_government_shut_down_towers.html

Though there were rumors to the contrary, the article says that a Sprint spokeswoman denied that service was intentionally shut down, and that it was the high volume of calls in and out of the city that had overloaded local cell towers. But then the author went on to ask the interesting question “can the government shut down phone networks in a crisis?” The answer, as explored throughout the remainder of the article, is yes.

Surprised, I continued searching and turned up a few more discussions on this topic, including <http://www.theblaze.com/stories/2013/04/16/should-cellphone-service-be-shut-off-during-emergencies-for-public-safety/>. This article quoted FCC Chairman Julius Genachowski’s views on this subject, following an inquiry into the San Francisco Bay Area Rapid Transit’s (BART) controversial cut off of cell service to stifle a protest in 2011. What was that? BART had a device back in 2011 that they used to deliberately jam cell phone

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service in San Francisco? And now there is an agency called the NCC that has the authority to have cell phone carriers shut off their base stations? Somehow, I missed out on all this controversy until made aware of it as a result of the recent Boston incident.

How do issues like this affect us, as hams? Should we be taking hand held ham radio equipment with us more often when we travel? I'd like to hear from you. What's your opinion on this subject?

What was New at Dayton?

By Cory Sickles, WA3UVV

There wasn't a lot of pre-Dayton buzz this year. Anyone with something new was doing a fairly good job at keeping it under wraps. However, there were a few exceptions that are coming to light.

Ten-Tec introduced the "Rebel 506", which is a dual-band QRP transceiver that's meant to be fiddled with. It's more "software controlled" than "software defined", but with a price just shy of \$200, will probably have a loyal following. I expect a lot of source code to start appearing on QRP-L in the future as experimenters share "mods" to the new rig.

Palstar made a surprise announcement with the TR-30, a 5-band 20W HF transceiver. Although the "price per pound" ratio seems a bit on the high side for my sensibilities, let's see what happens.

The folks at THP teased a new QRP hand held SSB/CW rig, capable of 40-6 meter operation. Looking much like an enhanced HT-750, they generated a lot of interest in the XT-751. Right now, they are seeking input from hams as to what should be included (and left out) in the final design. That's another advantage of where technology is today – you can have a product prototype very close to market, while still being able to make last-minute changes, since everything's processor/software driven. Might be a real product by mid-2014.

All three rigs are nicely described at www.qrper.com and on the manufacturers' respective web sites.

Slightly pre-Dayton – Yaesu is shipping new single-band 144 and 440 MHz 5W handhelds – the FT-252 and FT-257 respectively – in rugged-style enclosures. With large displays and fairly loud audio, they should do well for those wanting a field radio or something extra for EMCOMM work. (A keen eye may notice some similarities with certain Vertex-Standard LMR products) They're nicely-priced at just under \$130 each.

Yaesu finally looks like they're delivering their first digital handheld dual band rig, (FT-1DR) first announced at Dayton last year. Sadly, this is the model with a proprietary modulation scheme and doesn't talk to anything else already on the market. There's still no mobile and no repeater being offered.

In Yaesu's much-read digital radio publication – in which they seem to spank ICOM for the way they went with D-STAR – they allude to also bringing a Digital Mobile Radio compliant handheld to market in the future. I wish that was what they'd done, instead. For a street price of \$550, a dual band DMR portable is a good deal – especially with options like a camera mike! With only a "Not Invented Here" modulation scheme, I can save the \$550 and just talk to myself for free...

Gloucester County Field Day June 22nd & 23rd 2013

By Mark Townsend, W2OCY

I look forward to your participation in Field Day this year at the club site located in Mullica Hill, NJ. It is always held on the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday. This year it will be held June 22-23, 2013. During the event, we try and have food available to keep you going. Wayne, WA2LET has taken care of the food in the past. He is prepared to do the same this year. Sunday breakfast may be a challenge as we do not have the range available this year.

I need some assistance with the following items:

- Portable toilets
- Generator
- Antennas
- Operating positions
- Educational activity
- Inclement weather plan
- Boy Scouts operations

ARRL Field Day Station Locator : <http://www.arrl.org/field-day-locator>

Cory is working on getting one of our Freeholders to visit.

We can operate on any Amateur Radio band except 12, 17, 30 and 60 Meters. When it comes to VHF/UHF operating, antenna height is everything. To make the feed line loss is substantial at VHF and UHF, so use the best coaxial cable you can find.

When most hams think of Field Day, they automatically envision a flurry of activity on the HF bands. While this may be true, there is a gold mine of contact points on the bands above 30 MHz. ALL Class A and Class F stations are able to have a free VHF station to make extra QSOs towards their Field Day score.

During the summer months, sporadic-E propagation comes into play, opening the door for possible long-haul QSOs on 6 Meters across the country. The use of horizontally-polarized antennas is preferred.

During exceptional openings, Sporadic-E is possible on 2 Meters, too. Tropospheric enhancement on 2 meters and 432 can occur as well, allowing communications as far as several hundred miles. Sporadic-E is, by definition, unpredictable; nobody knows when it will occur. While it can occur at any time, it seems to occur most often in the afternoon and evening. Tropospheric conditions are generally best in the early-morning hours, especially on 2 meters and 432 MHz.

Technician-class licensees have full privileges on 6 meters and up. 6 meter SSB activity is from 50.125 to 50.200 MHz, and can go up to 50.300 MHz if the band is open and packed with signals. 6 meter CW activity will range from 50.080 to 50.100 MHz. from 50.000 to 50.080 MHz, you can listen for CW beacons to help and anticipate if the band is open. 50.100 to 50.125 MHz is the 6 Meter DX window, which is reserved for stations attempting intercontinental QSOs.

The 2 meters SSC/CW calling frequency is 144.200 MHz. As with 6 meters, try not to use the calling frequency. Most of the activity will range between 144.170 to 144.230 MHz

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For 222 and 432 MHz, the calling frequencies are 222.100 and 432.100 MHz, respectively. You can use FM for Field Day operating. FM is probably the easiest VHF mode to implement. Most hams have a FM rig. While FM doesn't have the range of CW or SSB, it is the most popular communications mode on the VHF and UHF bands. You'll find the greatest amount of FM simplex activity on the 2-meter band. Remember that Field Day rules prohibit the use of repeaters. You will want to use a vertically polarized antenna.

For SATELLITE Field Day operation, we can use the FM birds: SO-50. Do you have a dual band VHF/UHF FM rig that can receive below 437 MHz? Try Saudi-Sat SO-50 - the only working FM repeater satellite as of 2013. Just use the frequency table below to program the radio's memories so that you can compensate for Doppler shifting by simply changing memory channels.

Saudi-OSCAR 50 (aka SaudiSat-1c) - http://www.amsat.org/amsat-new/satellites/sat_summary/so50.php

Time	Transmit	Receive
AOS (Start)	145.840 MHz	436.805 MHz
AOS +3 minutes	145.845 MHz	436.800 MHz
Zenith (maximum	145.850 MHz	436.795 MHz
Zenith +1 minute)	145.855 MHz	436.790 MHz
LOS (end)	145.860 MHz	436.785 MHz



Saudi-OSCAR 50

Note that you'll need to use a 67 Hz CTCSS tone on the 2 meter uplink to access SO-50.

One important thing to remember is that the ARRL Field Day rules have changed in regards to these single-channel FM satellites. Stations participating in ARRL Field Day are limited to one (1) QSO on any "birds" that fall into the single channel FM classification. This change is to allow more groups the opportunity to experience the thrill of satellite communications. Once you have made one successful FM Satellite QSO, PLEASE allow other Field Day groups the same opportunity at bonus points that you had. Now that SO-50 is the only functioning FM satellite, usage will be exceptionally high.

On the SSB/CW Satellites you can transmit and receive SSB on 2 meters and 70 cm.

Try VUSat-OSCAR 52 : http://www.amsat.org/amsat-new/satellites/sat_summary/hamsat.php or

Fuji-OSCAR 29 : <http://amsat-uk.org/satellites/fuji-oscar-29-jas-2/>

These are excellent SSB/CW birds and you can work it with a fairly minimal setup. The tricky aspect is that these satellites have inverting transponders. If you transmit LSB, the satellite repeats on USB. If you transmit at the high end of the passband, the satellites will repeat your signal at the low end of the passband.

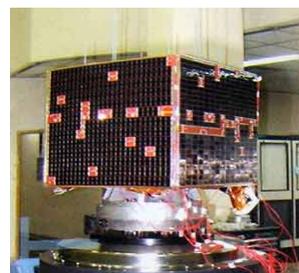
Uplink Passband Downlink Passband

OSCAR 52 :

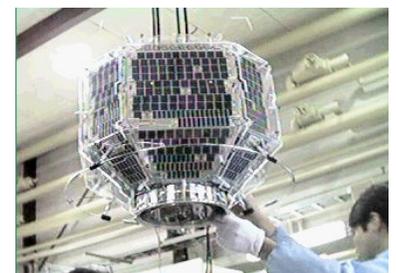
435.220 – 435.280 MHz 145.870 – 145.970 MHz

OSCAR 29 :

145.900 – 146.000 MHz 435.800 -- 435.900 MHz



VUSat-Oscar 52



Fuji-Oscar 29

Is Packet Making a Comeback?

By Cory Sickles, WA3UVV

Back in the 80's, a new communications scheme became ridiculously popular. Known as Packet Radio, it quickly outpaced radio teletype (RTTY) operation as the "in" mode. With the AX.25 protocol, error detection/correction and higher speeds allowed for point-to-point and networked communications on a global scale. Just like 2M FM rigs, it seemed everyone had at least 1 Terminal Node Controller (TNC) attached to a computer and on the air.

The VHF frequencies of 145.03, .05, .07 and .09 MHz became populated with the "Brrraaaaapp" sounds of Bell 202 modem tones. NetRom-based networking was typically conducted on 145.01 MHz. While 1200 baud communications isn't all that fast, it is reliable enough to exchange data, email and all sorts of messages. Higher speeds such as 2400 and 9600 baud were readily supported, with even faster backbone speeds (56 kilobaud) on UHF. One of our club members used to host a BBS and gateway stack in Woodbury on 145.07 MHz that ran 24/7.

Then, along came something known as APRS, which added features to the packet standard. Unfortunately, it was implemented in such a way as to replace packet, not build upon the entrenched standard. Rather quickly, APRS took over. With the GPS feature set it boasted, many got the idea that APRS was just about position reporting and lost interest. What was a thriving packet radio network started to fall apart, as frequencies were changed, ROMs in certain TNC's couldn't be easily upgraded and interest was lost. APRS is now the prevailing standard, but what about all those old TNC's sitting on shelves?

Well, there seems to be a groundswell resurgence in various parts of the country right now. In numerous pockets, good ol' packet may well be coming back. If you still have a spare TNC, 2M rig, power supply and computer or dumb terminal gathering dust, maybe it's time to put your packet station back on the air and see what you can hear. In the coming days, I should have my old Alinco DR-1200, PK-88 and WYSE-50 put together with a Ringo Ranger on the roof.

Set up your mailbox and an announcement that fires every 10 minutes or so and see what sort of interest you can garner on the old channels – just not on 144.39 MHz, where all the APRS traffic is. Perhaps with some old gear and old applications, plus new ones like Winlink, those old station elements can find new life in a new century!

Family Picnic July 13

By Jim Wright, N2GXJ

If you haven't heard, we've reserved the Riverfront pavilion at the Red Bank Battlefield park on the Delaware river here in Gloucester County as the site for a 2013 Gloucester County Amateur Radio family picnic on Saturday July 13 from noon to 4pm! GCARC club members and their immediate family members welcome! We will bring all the paper and plastic-ware (plates, cups, napkins, and utensils), bottled water and sodas, and basic hot dogs, burgers, buns, and condiments, but are looking for your assistance in adding to this with some "pot luck" fare to share. Perhaps you'd like to bring some chips, a salad, or some dessert that can be shared with others? <http://www.co.gloucester.nj.us/depts/p/parks/parkgolf/redbank/>

Also, if a few of you could bring coolers along with ice that we can put the extra bottled water and sodas that we have into, that would be helpful too.

We'll post updates to the club website, and will have a chance to talk some more about the picnic at the upcoming June and July club meetings. If there are any questions, please let me know (Jim Wright). My number and email are listed in our club directory.

OKLAHOMA TRAGEDY

By Cory Sickles, WA3UVV

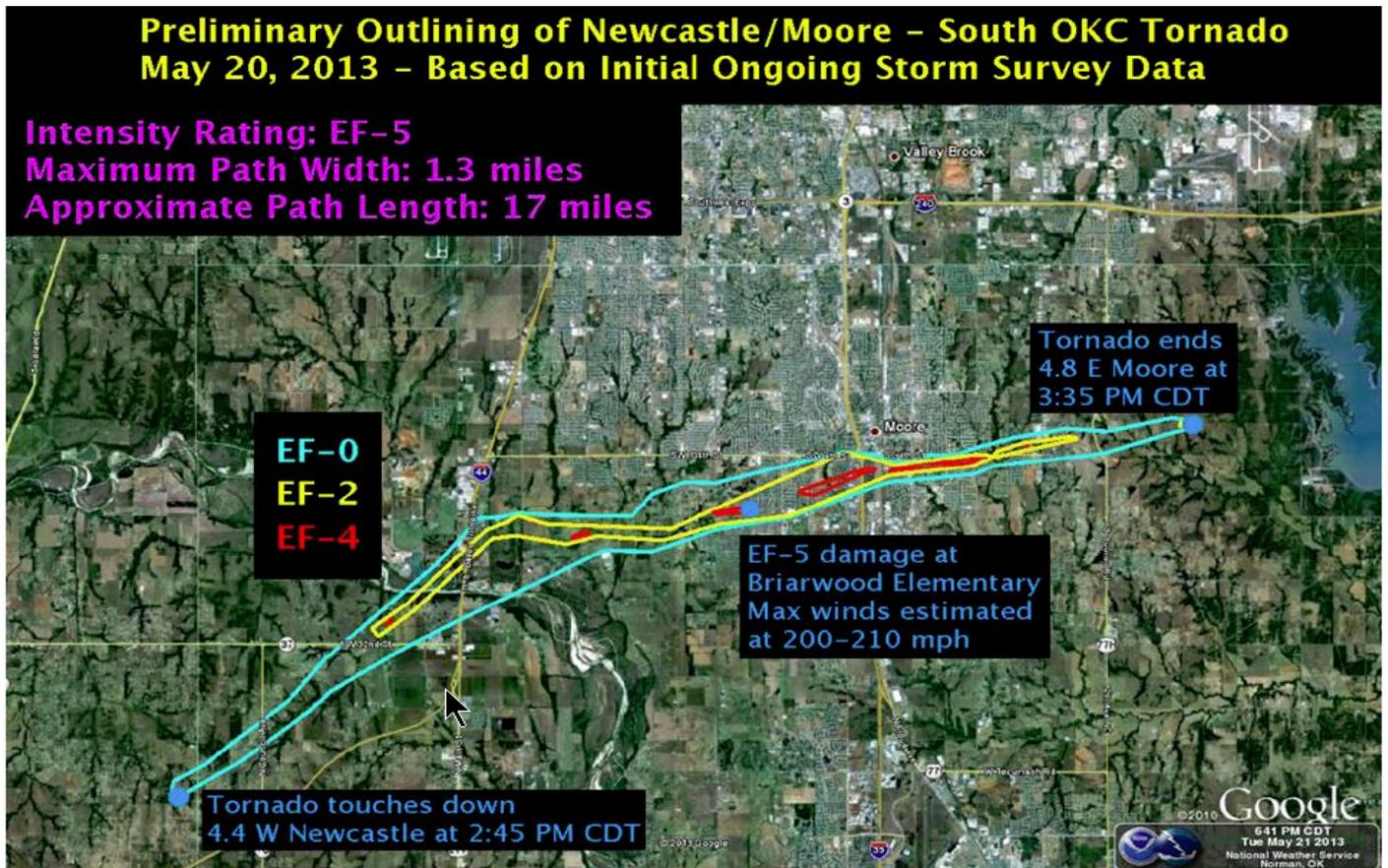
That particular news graphic appears entirely too often. As I write this, a mélange of professional and volunteer searchers are working to find additional tornado survivors – and those who didn't. Although most of the affected area got a 20 minute warning, many apparently didn't know about it.

I honestly don't know if hearing all of the fire sirens from Glassboro, Pitman and Washington Township at the same time would make me think "tornado", but an alert from my weather radio sure would. We've been reminded in recent years that NJ isn't immune from the destruction of bad weather. With the lowered prices of single band and dual band mobiles and portables these days, maybe it's a good idea to keep one in every car, even if it's just to listen to 162.475 MHz when the skies don't look "quite right".

Skywarn training is a valuable thing. So is CERT training. Same goes for the alphabet soup of ARES, RACES, affiliation with SATERN and so on. Being prepared and aware is essential in surviving such events. Being trained allows you to help others.

Looking at the news footage, it's not about the reporters – who are little more than disaster tour guides – it's about the images of rescuers, searchers and all the people you aren't seeing – helping their communities and families as best they can.

Some things are survivable – some things aren't. If the storm is going to get you – it's going to get you. If it doesn't, it's good to be able to step up and help others – especially if you know you're prepared at home...



This map -- courtesy of the National Weather Service in Norman, Oklahoma -- shows the track and varying strength of the tornado that swept through Oklahoma on May 20, destroying much of the city of Moore.

CLOSE X

Events Calendar

Museum Ships Weekend June 1 (00:00Z) - June 2 (23:59Z)

Aircraft carriers, battleships, tugboats, cruisers, destroyers, freighters, frigates, icebreakers, minesweepers, schooners, submarines, steamers, liberty ships and more! - all kinds of museum ships will be on the air. Try and catch as many as you can!

Keep a special look out for our own club operators on board the USS New Jersey Battleship (NJ2BB) in Camden, NJ, and USS Becuna Submarine (N3SUB) at Penn's Landing in Philadelphia. Our own Ray Martin, W2RM, will be aboard the USS Becuna.

Receive a certificate for working at least 15 different participating ships! Will anyone from our club break onto the top operators list for this year? More details at <http://www.nj2bb.org/museum/>

Monroe Township Music Festival - June 1, 2013

Owen's Park, Tuckahoe Road (next to Williamstown High School). More info: <http://mtpnri.org/>



June 8, 2013 Uptown Pitman is hosting an exciting series of events!!

Tour de Pitman Bike Race: 8am-12pm

Music/Arts Festival: 12-5:00pm

<http://www.uptownpitman.com/events/tour-de-pitmanmusicarts>

Recent Contesting Scores

Official Claimed scores for the 2013 ARRL DX Phone Scores that listed Gloucester Co ARC as their club:

KD2BXD - 1,386

N2GXJ - 20,196

N2CQ - 25,155

W2KRD - 100,536

The combined score for our club is 147,273.

2013 New England QSO Party:

W2KRD - 72 Contacts, 37 Multipliers, total score = 2,664 Club: Gloucester Co ARC

N2CQ - 45 Contacts, 27 Multipliers, total score = 2,430 Club: Gloucester Co ARC

The Combined score for our club is 3,094.

Contest Calendar

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

June 2013	
+ 10-10 Int. Open Season PSK Contest	0000Z, Jun 1 to 2400Z, Jun 2
+ Wake-Up! QRP Sprint	0600Z-0800Z, Jun 1
+ Maritimes QSO Party	1200Z-2400Z, Jun 1
+ SEANET Contest	1200Z, Jun 1 to 1200Z, Jun 2
+ Alabama QSO Party	1600Z, Jun 1 to 0400Z, Jun 2
+ ARS Spartan Sprint	0100Z-0300Z, Jun 4
+ NCCC Sprint Ladder	0230Z-0300Z, Jun 7
+ VK Shires Contest	0600Z, Jun 8 to 0600Z, Jun 9
+ Asia-Pacific Sprint, SSB	1100Z-1300Z, Jun 8
+ SKCC Weekend Sprintathon	1200Z, Jun 8 to 2400Z, Jun 9
+ Portugal Day Contest	1200Z, Jun 8 to 1159Z, Jun 9
+ GACW WWSA CW DX Contest	1500Z, Jun 8 to 1500Z, Jun 9
+ REF DDFM 6m Contest	1600Z, Jun 8 to 1600Z, Jun 9
+ ARRL June VHF Contest	1800Z, Jun 8 to 0259Z, Jun 10
+ NAQCC Straight Key/Bug Sprint	0030Z-0230Z, Jun 12
+ CWops Mini-CWT Test	1300Z-1400Z, Jun 12 and 1900Z-2000Z, Jun 12 and 0300Z-0400Z, Jun 13
+ RSGB 80m Club Championship, CW	1900Z-2030Z, Jun 12
+ NCCC Sprint Ladder	0230Z-0300Z, Jun 14
+ All Asian DX Contest, CW	0000Z, Jun 15 to 2400Z, Jun 16
+ AGCW VHF/UHF Contest	1400Z-1700Z, Jun 15 (144) and 1700Z-1800Z, Jun 15 (432)
+ West Virginia QSO Party	1600Z, Jun 15 to 0200Z, Jun 16
+ Kid's Day Contest	1800Z-2359Z, Jun 15
+ Feld Hell Sprint	2000Z-2200Z, Jun 15
+ SARL Youth Day Sprint	0700Z-1100Z, Jun 16
+ Run for the Bacon QRP Contest	0100Z-0300Z, Jun 17
+ NAQCC-EU Monthly Sprint	1800Z-2000Z, Jun 17
+ NAQCC Straight Key/Bug Sprint	0030Z-0230Z, Jun 20
+ RSGB 80m Club Championship, SSB	1900Z-2030Z, Jun 20
+ His Maj. King of Spain Contest, SSB	1200Z, Jun 22 to 1200Z, Jun 23
+ Ukrainian DX DIGI Contest	1200Z, Jun 22 to 1200Z, Jun 23
+ Marconi Memorial HF Contest	1400Z, Jun 22 to 1400Z, Jun 23
+ ARRL Field Day	1800Z, Jun 22 to 2100Z, Jun 23
+ SKCC Sprint	0000Z-0200Z, Jun 26
+ CWops Mini-CWT Test	1300Z-1400Z, Jun 26 and 1900Z-2000Z, Jun 26 and 0300Z-0400Z, Jun 27
+ Feld Hell Sprint	0000Z-2359Z, Jun 29

ARRL Contest for June 2013:

June VHF Contest: 1800 UTC Saturday through 0259 UTC Monday (June 8-10) info: www.arrl.org/june-vhf

Kids Day 2013: 1800 UTC through 2359 UTC Saturday, June 15th info: www.arrl.org/kids-day

June 2013 State QSO Parties:

Alabama QSO Party: 1600Z, Jun 1 to 0400Z, Jun 2

West Virginia QSO Party: 1600Z, Jun 15 to 0200Z, Jun 16

June Birthdays

Congratulations to these members celebrating birthdays in June:

Ken Denson W2KRD
Mark Harris KC2VEF
Ken Newman N2CQ
David Paster AC2IQ
Ray Schnapp WB2NBJ
Charles Sketchley K2PQD
Kyle Townsend W2KBT
James Wilson N2SVN



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 July issue:
Sunday June 26, 2013

Club Website

<http://www.w2mmd.org>

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

President-Tom Gorman, KE2ES
Vice President-Jim Wright, N2GXJ
Treasurer-Al Arrison, KB2AYU

Art Strong, K2AWS
Chuck Colabrese, WA2TML
Mark Townsend, W2OCY

Ray Schnapp, WB2NBJ
Bill Szkromiuk, N2VIL

GCARC Officers

Recording Secretary-Sheldon Parker, K2MEN
Corresponding Secretary-Cory Sickles, WA3UVV

Board of Directors

Gary Mirkin, WA3SVW
Dave MacDonald, WB3JOY
Jeffrey Garth, KC2WCS

Trustees

Steve Blasko, W2TDS
Martin Wilt, W2ILT

Committees

ARES/RACES-Joe, KC2PHM
Awards-Kenny, W2KRD
Budget-Al, KB2AYU
Clubhouse Site-Al, KB2AYU
Club License Trustee-Darrell, AB2E
Constitution-Adan, KC2YJX
Contests-Ken, W2KRD
Crosstalk-Jeff, KC2WCS
Database-Ken, N2CQ
DX-Bill, W0MHK
Field Day-Mark/Kyle, W2OCY/W2KBT
Hamfest-Open
Historian-Art, K2AWS

Hospitality-Dave, WB3JOY
Membership-Cory/Ray, WA3UVV/WB2NBJ
Nominations-Tom, KE2ES
Programs-Jim, N2GXJ
Publicity-Cory, WA3UVV
Repeaters-Tom, KE2ES
4H Liaison-Cory, WA3UVV
Special Services, Darrell, AB2E
Sunshine-Ray, W2RM
Technical/TVI-Cory, WA3UVV
VEC Testing-Gary, N2QEE
Website-Jeff, KC2WCS

The W2MMD Repeaters

147.180+ MHz Pitman
(PL 131.8Hz)

224.660- MHz Sewell

442.100+ MHz Pitman
(PL 167.9Hz)

1284.400- MHz Pitman

GCARC Meetings

General Membership

19:30 Hrs, Wednesday, June 5, 2013
Pfeiffer Community Center
Williamstown, NJ

Board of Directors

19:00 Hrs, Wednesday, June 19, 2013
GCARC Club site
Harrison Twp. 4H Grounds
1 mile south of Mullica Hill on RT77

Nets

GCARC 2M Ragchew Net

Thursday, June 20, 2013
20:00 Hrs
147.180+ MHz (PL131.8Hz)

ARES/RACES

Sunday 20:00 Hrs
(147.180 and
224.660
repeaters)

Club Meeting Program

June 5, 2013
“Dxpedition”
Darrell Neron, AB2E

June 22-23, 2013
GCARC Field Day
4H Fairgrounds

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