UPCOMING GSARA MEETINGS

The next regular meeting of the GSARA will be held on **Wednesday, January 4** at **7:30 PM** at the **American Red Cross** in Tinton Falls. This will be our regular business meeting as well as a chance to find out how good Santa was to our fellow members.

The second meeting in January will be held on **Wednesday, January 18 at 7:30 PM** at the Red Cross. This meeting will feature John King, KA2F telling about how radio was used by prohibition bootleggers in the area. All are welcome and refreshments will be served.

SUCCESSFUL CHRISTMAS PARTY

The January 7 GSARA Christmas party was a success with lots of good food and great company. The door prizes were awesome and all had a great time. There was ample food and space to accommodate even more people. If you missed it, you should plan to come next year.

W2GSA STATION OPEN SATURDAYS

The GSARA radio room at the Red Cross will be open Saturday afternoons for those wishing to operate or just "hang out". Go around the building to the back door for entrance. If you want to check to be sure that someone is there, call 732-493-9100 ext. 1252 which is the phone in the radio room.

GSARA HOMEPAGE
http://www.gardenstateara.org

HUDSON DIVISION HOME PAGE
http://www.hudson.arrl.org

Anything is possible if you don't know what you are talking about.

2012 DUES ARE NOW DUE

With the New Year, it is time again to pay annual dues to GSARA. Dues are $15 for the year unless you wish to receive a paper copy of The Propagator each month in which case you must pay $5 more ($20 for the year). You may make payment at any meeting or mail your payment to our Treasurer:

Bruce McLeod, K2QXW
19 Flora Drive
Holmdel, NJ 07733

Your prompt attention to this matter is much appreciated. Thanks.

DX MEETING EACH LAST MONDAY

For those interested in DX or learning about how to chase DX, there is a meeting of DXers on the last Monday of each month at 7:30 PM at the Red Cross. The last Monday of January is on the 30th so mark your calendars if you would like to attend.

RADIO ROCKS BOAT & SPILLS BOOZE

One of the largest and most lucrative Prohibition era bootlegging operations in the northern New Jersey area was brought to a crashing end when Federal authorities, Monmouth Co. detectives, and N.J. State Troopers raided three dozen places simultaneously one afternoon in the fall of 1929.

It was all due to the signals from a powerful radio station near Sandy Hook, not a ham station, but an illegal pirate operation; by good luck (for the Fed, bad luck for the rumrunner) it was heard by Agent R-8 of the Radio Division of the U.S. Department of Commerce as he casually tuned the dial of his broadcast radio.

Come tune in to KA2F's program at the GSARA meeting January 18, 2012, be entertained and learn more about this high stakes radio drama.

PROPAGATOR AVAILABLE BY E-MAIL

Would you like to help the finances of GSARA and at the same time get your issue of *The Propagator* a few days earlier? You can get every issue e-mailed to your computer every month by simply giving your e-mail address to Josh Gluck, KC2TKK and request *The Propagator* electronically.   Josh's e-mail address is <kc2tkk@gardenatateara.org>.

BADGES AND PATCHES

If you would like a GSARA name badge, you may order one by getting a Badge Order Form from our Secretary, **Bob Buus, W2OD**, filling it out and turning it in to Bob with your $7.00 payment.

We also now have patches available at all meetings and they cost $3.

OUTGOING QSL CARDS

If any GSARA members wish to combine their QSL cards that are going through the outgoing ARRL Bureau, please bring them to the next GSARA meeting along with the label from a recent QST Magazine (you must be an ARRL member to participate in this program). We then send them as a group at no charge to GSARA members.   It couldn't be much easier than that to QSL. You are registered at the W2 incoming bureau, aren't you?

PROPAGATOR NOW ON THE WEB

The *Propagator* is available as a PDF file at:

http://www.gardenstateara.org

Click on "The Propagator" and then select the month you want.

EDITOR'S NOTES

The Christmas party on Wednesday, December 7 was enjoyed by all who attended. We had plenty of room for more attendees. Please try to attend next year so we can fill the room!.

The review of GSARA accomplishments in 2011 was very impressive (see page 4). The list of activities for 2012 (also on page 4) is longer than we will have time to do but I hope that we can accomplish most of them in the next year. All it takes is active participation by the members. I hope that the activity and participation we saw in 2011 will continue into the next year.

GSARA dues for 2012 are due on January 1. Please welcome our new Treasurer Bruce, K2QXW by paying your dues to him in timely manner. Per our By-laws, members who haven't paid by March 7 are dropped from the Roster.   Don't let that happen to you!

I'm looking forward to an interesting talk at our January 18 meeting by John King, KA2F about how radio foiled some bootleggers (see page 1).   The talk resulted from research that John did for his latest book, *Wicked Tales from the Highlands* which has recently become available (John will probably have some books for sale at the meeting.)   You won't want to miss it!

Participation in solving the monthly puzzles is still quite disappointing to me with only two entries this past month.   This time we'll see how many know the rules and etiquette of repeater operation. I like to think that nearly all GSARA members should be able to ace the quiz on page 8. Send your results to w2od@arrl.net so that I know that you are an A-1 operator.

If you are interested in obtaining a gardenstateara.org email address which will give you webmail and POP3/SMTP access, please send an email to Josh at kc2tkk@gardenstateara.org with your First Name, Last Name, and Call Sign. Your email address call_sign@gardenstateara.org will be created and the login information sent back to the email address your request came from.

As always, I appreciate feedback or material for *The Propagator*.   The deadline for the February issue is January 15.

73 de Bob, w2od@arrl.net

MINUTES OF DECEMBER 7 MEETING

By Bob Buus, W2OD, Secretary

President Frank Wroblewski, W2XYZ called the meeting to order at the Red Cross at 7:45 PM. There were 14 members and five guests present. Guests were Ed Genoino, WA2NDA; Carol Shockley (XYL of NJ2H); Fran Dreifuss, WB2SZB (XYL of W2KQ); Lucille McLeod (XYL of K2QXW) and Jan Buus (XYL of W2OD). After the pledge to the flag, all members introduced themselves. Since this was the Christmas party, there was no report from the Treasurer or Secretary.

Installation of Officers

The following members were elected to serve as officers of GSARA for 2012:

Frank Wroblewski, W2XYZ – President
Howard Suffill, W2HTS – Vice President
Bob Buus, W2OD - Secretary
Bruce McLeod, K2QXW – Treasurer
Jeff Harshman, N2LXM – Chief Engineer

All but Howard (who was absent) were asked to step forward. Lou, W2HAM asked each elected officer if he would execute his elected office per the Constitution and By-laws of the GSARA and each replied affirmatively. The officers were then declared installed and will assume their new duties on January 1, 2012. There being no further business, the meeting was closed at 8:00 pm.

Christmas Party

A wide assortment of food was available and everyone ate their fill. The door prize of a 2-meter HT was won by Bob, W2OD. The second door prize of a noise-canceling headset was won by Bruce, K2QXW. The third door prize of a book on VHF digital communications was won by Fran, WB2SZB.

MINUTES OF DECEMBER 21 MEETING

By Bob Buus, W2OD, Secretary

President Frank Wroblewski, W2XYZ called the meeting to order at the Red Cross at 7:32 PM. There were 13 members and two guests present. Guests were Hunter Suffill from Eatontown and George McBride, N2VEH from Tinton Falls. After the pledge to the flag, all present introduced themselves.

Secretary's Report

A motion was made by Jeff, N2VFK and seconded by Ralph, KC2YNL to accept the minutes of the December 7 meeting as will be published in the January Propagator. The motion was accepted unanimously.

A Christmas card was received from Ray, W2NXG and was read to the attendees.

Treasurer's Report

Treasurer Joe, W2KQ gave the treasurer's report. A motion to accept the report was accepted unanimously.

Old Business

President Frank, W2XYZ reported that a light has been installed in our storeroom. Since the door going to the back part of the warehouse has been cemented over, it may be possible to expand the size of our storeroom.

Our G5RV wire antenna has been fixed thanks to the efforts of Steve, N2WLH.

Announcements

Our linear amplifier has a gassy tube. We are looking to borrow or purchase a 3-500Z tube. They cost about $300 although a Chinese-made version is available for about $200.

Program

President Frank, W2XYZ presented a review of the many GSARA activities that took place in 2011. He then went on to solicit member's ideas for activities for 2012 and a list was produced. There were more ideas then there are meetings for 2012 so it will be a busy year.

Closing

The 50-50 drawing for $15.50 was won by George McBride, N2VEH. There being no further business, a motion was made by Kevin, W2FA and seconded by Ralph, KC2YNL to close the meeting. The motion was accepted unanimously and the meeting adjourned at 8:45 PM.

Three old guys are out walking.
First one says, 'Windy, isn't it?'
Second one says, 'No, it's Thursday!'
Third one says, 'So am I. Let's go get a beer.'

GSARA 2011 ACCOMPLISHMENTS

Gained 9 new members (18% increase)

Held second White Elephant Sale

Created a radio room (clubhouse) at the Red Cross

Clubhouse opened most Saturdays

Two Hamfests held at MOESC

Echolink station W2GSA-R on the air

Erected VHF/UHF antennas on poles

One-day training session for Tech license

Participated in a simulated communications drill with Monmouth County

Repaired and painted trailer/tower from W2EXQ

Erected trailer/tower

Installed HF/VHF/UHF beams on trailer/tower

DX interest group started on last Mondays

WINMOR station W2GSA-5 on 40 meters

Erected mini-tower in place of Pole #1

Participated in Field Day

Erected G5RV wire antenna

Assisted Red Cross with communications during Hurricane Irene

Participated as a club in ARRL Nov. Sweepstakes

GSARA ACTIVITIES FOR 2012

Another White "Elephant sale – probably March 21

One-day Technician class – March 10

Trip to ARRL (or Battleship NJ) - April

Hamfest at MOESC – May 5

Field Day – June 23-24

Fox Hunt/Picnic – summer

Programs desired at meetings:

    WINMOR/Winlink

    Weird Antennas of NJ

    First Aid/AED

    Antique Radios

    Sunspots and propagation

    Antennas

    EZ-NEC

    D-Star

    Low Frequency operation

    Infoage Learning Center

TIM ALLEN AS A HAM ON TV SHOW

Tim Allen -- star of Home Improvement, Toy Story, The Santa Clause and Galaxy Quest, just to name a few -- stars in Last Man Standing, an ABC comedy airing at 8 PM (EST) on Tuesday nights. Allen plays Mike Baxter, KA0XTT, a married father of three and the director of marketing at an outdoor sporting goods store in Colorado whose life is dominated by women. While Amateur Radio has not been prominently featured in the first episodes, according to John Amodeo, NN6JA -- the producer of Last Man Standing -- it is a part of the show and an important part of Mike's character. At press time, the episode that will establish Mike as a radio amateur is scheduled to air mid-January.
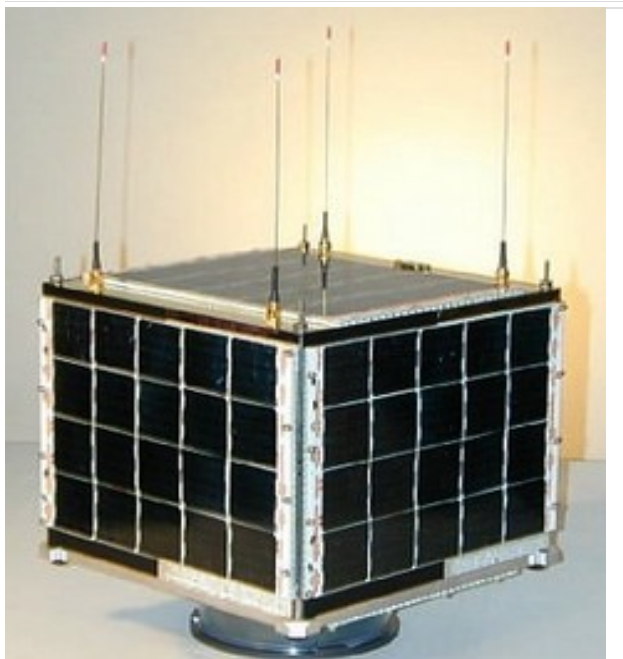

Last Man Standing -- starring Tim Allen as Mike Baxter, KA0XTT -- airs Tuesday nights on ABC at 8 PM EST. The ARRL has provided Amateur Radio materials, such as issues of QST and certificates for DXCC, WAS and WAC to the show. In this photo, Allen, as Baxter, tunes his IC-92AD handheld transceiver as his boss (played by Hector Elizondo) watches.

"Tim's character Mike is involved in creating the sales strategy for the store, including their catalog and Internet identity," Amodeo told the ARRL. "The store is like Bass Pro Shops or Cabelas. There is a strong self-sufficiency overtone to Mike's approach to life. Ham radio fits in the story as a means of emergency communication. It's not directly featured in the foreground story, but at the moment, it's a background element on the home set. Once I allow something to be put on the set, there's a chance the writers will feature it. Now that we have actually established Mike Baxter as KA0XTT, we can do more things featuring Amateur Radio." Read more here.

From *The ARRL Letter*, December 15, 2011

OSCAR 51 MISSION ENDS

AMSAT-OSCAR 51 -- the popular FM repeater satellite -- has likely reached the end of its operational lifespan. AMSAT-NA Vice President of Operations Drew Glasbrenner, KO4MA, issued the following statement on November 29: "It is with a heavy heart I report that AO-51 has ceased transmission and is not responding to commands. The last telemetry data indicated that the third of six batteries was approaching failure to short, and

OSCAR 51 was launched in 2004 and became one of the most popular Amateur Radio satellites ever created. [Photo courtesy of AMSAT]

observations indicate the voltage from three cells is insufficient to power the UHF transmitters. The IHU [internal housekeeping unit] may continue to be operative. Initial tests with the S band transmitter were also not positive, although more attempts are in order. We have tried leaving the satellite in an expected state where if voltages climb high enough, the 435.150 transmitter may possibly be heard. The command team will regularly attempt communications with the satellite over the coming months (and years). There is always the possibility that a cell will open and we could once again talk to our friend while illuminated. Thanks to all who helped fund, design, build, launch, command, and operate AO-51. Its 7 year mission has been extraordinary.

From *The ARRL Letter*, December 1, 2011

MALPELO DXPEDITION EXTENDED

The HK0NA DXpedition to Malpelo -- an island located approximately 235 miles from Colombia's Pacific coast -- is scheduled for early 2012. Organized by the DX Radio Amateur Club out of Colombia, the DXpedition boasts an international team of 16 operators from eight countries. According to DXpedition leader Jorge Prieto, HK1R it is highly unlikely that the various Colombian authorities will permit another DXpedition to Malpelo anytime soon. With this in mind, he said that the dates of the DXpedition will be extended by two to three days from the previous 12-14 day plan. The approximate dates of operations will be January 21-February 5/6, 2012. Operations are planned on 160-6 meters on CW, SSB and Digital modes, including EME. Malpelo is currently #12 on *DX Magazine*'s 100 Most Needed Countries Survey. Read more here.

From *The ARRL Letter*, December 1, 2011

RED CROSS TECH CLASS MARCH 10

GSARA will conduct a one day technician class on Saturday, March 10, 2012. The class will start at 8 am and the exam conducted at around 4 pm. The study book will be the Gordon West Technician book and should be studied prior to attending the class.

If you have any questions, please contact Frank Wroblewski, W2XYZ at w2xyz@arrl.net.

NTSB WANT BAN ON CELL PHONES WHILE DRIVING

On Tuesday, December 13, the National Transportation Safety Board (NTSB) recommended that States ban the nonemergency use of all cellular telephones and other "portable electronic devices" (PEDs) by drivers of motor vehicles. This would include hands-free cell phone operation and all text messaging while mobile. While this NTSB recommendation has been the lead story in national media, the "distracted driving" issue has been receiving serious attention for several years. A number of states and municipalities have prohibited texting and handheld cellular telephone use by all or some drivers, though none has gone so far as to outlaw all hands-free cell phone use. To avoid unintended consequences to Amateur Radio operation, the ARRL has been closely involved with this issue for several years. The full text of the NTSB report is not yet available, and it is not yet known whether the broad term "portable electronic devices" might be construed as including all or some Amateur Radio equipment.

On January 30, 2009, the Executive Committee of the ARRL Board of Directors approved and released an ARRL position paper on Mobile Amateur Radio Operation. In that paper, the ARRL encourages licensees to conduct Amateur Radio communications from motor vehicles in a manner that does not detract from the safe and attentive operation of a motor vehicle at all times, but points out that mobile two-way radio equipment has been in use for at least 70 years and is quite dissimilar from full-duplex cell phones. Read more here.

From *The ARRL Letter*, December 15, 2011

TWENTY YEARS AGO

From the January 1992 Propagator: The Christmas party was attended by 55 people. Jim Pope, WB2QMP wrote a 1-page DX summary he called "The DX Smoke Room" and is looking for feedback and comments. The first "Getting to Know You" column featured Bill Zeisler, W2DLP. Rusty Schmid, K2LL remembered the "Day of Infamy" as it affected his RADAR work at Sandy Hook at that time. Dom Cafro, KB2CMF (now N2DOM) upgraded to Advanced Class. New member Rich DiFiore, KB2NXA-SK became a member.

CHARITABLE GIVING TO ARRL EASY

In December 2010, President Obama signed the *Tax Relief, Unemployment Insurance Reauthorization and Job Creation Act of 2010* (HR 4853) into law as *Public Law 111-312*. This law provided sweeping changes to the rules that govern federal estate taxes, gift taxes and generation-skipping transfer taxes. The law authorized those individuals who are at least 70.5 years old to donate up to $100,000 from their Individual Retirement Account directly to a qualified charity -- such as the ARRL -- in a Trustee-to-Trustee transfer; this charitable gift would not have to be reported on a tax return (no IRA income is reported and no charity deduction is reported). This keeps the giver's adjusted gross income lower and avoids any adjustments in Medicare premiums. The provisions in HR 4853 have been extended for two years and will expire on December 31, 2012.

Individuals who are interested in supporting the ARRL using this vehicle should consult their tax and/or financial advisors to determine the impact of such a gift. "This is the perfect time of year for members who qualify and are in a position to consider a direct contribution to the ARRL," said ARRL Chief Development Officer Mary Hobart, K1MMH. "Such gifts may support the Spectrum Defense Fund, the Education & Technology Fund, the W1AW Endowment Fund or one of the other ARRL permanent funds."

From *The ARRL Letter*, December 8, 2011

FASTRAC-1 SATELLITE DIGIPEATER

As of 1600 UTC December 2, the FASTRAC-1 satellite (FO-69) is open for use as a packet radio digipeater. Anyone with a 1200 baud packet TNC and a VHF/UHF FM transceiver can try it. If you own satellite tracking software, you'll find the latest orbital elements on the FASTRAC Web site. FASTRAC-1 receives at 145.825 MHz and transmits at 437.345 MHz. The digipeater alias is FAST1. To connect to ARRL Headquarters station W1AW through FASTRAC-1, for example, you would send the following packet:

C W1AW VIA FAST1

Reports of your results are welcome via e-mail, or at the FASTRAC Facebook page.

From *The ARRL Letter*, December 8, 2011

FOAM PCB HOLDER

Paul Jacobs, W2IOG, of Naples, New York, sent us this idea for assembling small PC boards. Contact Paul via e-mail for more information.

Here's a simple fixture that makes assembling small PC boards a snap. A scrap piece of 1/4 inch aluminum sheet forms a base for the fixture. Mount two 1-inch standoffs about 1/2 inch farther apart than the longest dimension of the PC board to be assembled. Now cut a piece of 1 inch thick soft foam packing material to slightly larger than the

The W2IOG PCB holder in action, keeping components in place for soldering.

size of the board so that it fits snugly between the standoffs. Mount two crimp type insulated wire terminals to the standoffs; keep the screws slightly loose.

To use the fixture, insert several components into the board, turn both the board and the fixture vertical, press the component side of the board to the foam and return both to the horizontal position. Press down on the board to compress the foam and rotate the two wire terminals to hold the board in place. The weight of the fixture keeps the board in place and the pressure of the foam holds the components firmly to the surface of the board. Soldering them in place is easy.

Do you have an idea or a simple project that has improved your operating? Maybe you've taken something commonly found around the home and developed a ham radio use for it? Why not share your hints with fellow hams in "Hints and Kinks," a monthly column in QST. *If we publish your hint in* QST *or* The ARRL Letter, *you will receive $20. Send your hints via e-mail to* **h&k(at)arrl(dot)org**

or to ARRL Headquarters, Attn: "Hints and Kinks," 225 Main St, Newington, CT 06111. Please include your name, call sign, complete mailing address, daytime telephone number and e-mail address.

From *The ARRL Letter*, December 15, 2011

SOLUTION TO ANT ON CUBE PUZZLE

The maximum number of edges that the ant can crawl along and visit all 8 vertices (corners) is 8 so the total distance traveled is 24 inches (3 inches per edge times 8 edges).

At the starting corner, the ant can crawl along the edge of any of three faces of the cube. After the ant crawls along three edges of one face, it should then proceed along the edge connecting to the parallel opposite face and then proceed around three edges of the opposite face in the opposite direction before proceeding back to the starting corner. The total number of edges traversed is 3 on each of the two faces and 2 going between the faces. Thus 8 = 3+3+2.

Another way to look at it is to envision a closed path that includes the 8 corners. Since the path is closed, there will be 8 segments required to connect the 8 corners. Thus the maximum length is 8 times 3 inches or 24 inches.

Congratulations to Matt, W2AOJ and Bruce, K2QXW for submitting the proper solution to this puzzle.

FIFTEEN YEARS AGO

From the January 1997 Propagator: Roy Edwards, KB2LUO (now KB2RE) is running a Section Manager of NNJ. ARRL dues will increase from $31 to $34 effective July 1, 1997. Jack Keating, WA2FVL made 384 contacts on 10 meters during the ARRL 10 meter contest. Conditions were weird and unstable.

TWENTY-FIVE YEARS AGO

From the January 1987 Propagator: The Christmas party was attended by 50 people. The program for the first meeting in 1987 will be by Jerry Havel, W2RRX-SK on traffic handling. The second meeting will feature Nick Conigliaro, N2FWL on his trip to Arizona and the Grand Canyon.

PUZZLE #15 – A-1 OPERATOR QUIZ

1. The proper way to enter a QSO on a repeater is to:

   a. say "breaker two-four."
   b. just say "break."
   c. Insert your call during a pause.
   d. Just talk over the other guy if you're at a base station with sufficient power.

2. The main purpose of a repeater is to:

   a. keep technical types on their toes.
   b. enhance the range of mobile stations
   c. provide a soapbox for one-sided monologs.
   d. allow non-amateur housewives to keep track of their wandering husbands, or anyone else for that matter.

3. Questionable language, or outright obscenity, is permissible on a repeater

   a. during rush hour.
   b. When an 18-wheeler is about to park in your trunk.
   c. When describing chain restaurant hamburgers.
   d. At no time.

4. Conducting business on a repeater is permissible:

   a. always.
   b. Sometimes.
   c. Never.
   d. Only on weekends.

5. One of the most important uses of a repeater is to:

   a. provide good mobile-to-mobile communications when driving adjacent to each onther on the Parkway.
   b. Enhance the range of base stations located less than a mile apart.
   c. Extend the range of mobile or low-power portable stations.
   d. None of the above.

6. You should sign your call letters:

   a. any time the spirit moves you.
   b. After every few words.
   c. Twice at the beginning and end of transmission, including phonetics.
   d. Once coming on and once leaving the frequency and every 10 minutes.

7. A repeater that is not in use for more than 10 minutes is:

   a. obviously broken
   b. getting a well-deserved rest.
   c. Obviously a closed machine.
   d. Probably not worth talking on anyway.

8. An honest signal report is something that is:

   a. never given on 2M FM
   b. part of the spirit of amateur radio which, when given to the best of one's ability, can never offend.
   c. Beyond the ability of anyone on 2M FM to give.
   d. Strictly forbidden.

Send you answer to w2od@aol.com.

ARRL WARNS OF E-MAIL SCAMS

Many ARRL members with arrl.net e-mail accounts have recently received bogus e-mails in a "phishing" attack. These are scams designed to scare people into e-mailing back personal information -- such as user names and passwords -- to the scammer at an unknown address. This particular attack was more sophisticated than usual, but far from unique

"There is never a time when we would ask via e-mail for user names and passwords of arrl.net users," explained ARRL IT Manager Michael Keane, K1MK. "There is simply no need to ever do so. If you receive an e-mail asking for personal information and it looks like it originated from ARRL, please do not respond. The best thing you can do when receiving bogus e-mails is to simply add it to the spam list in your computer's e-mail program and delete it. Please don't forward it to ARRL HQ -- we will have already seen it and are already responding to it."

ARRL members -- and anyone who uses e-mail services -- should be constantly aware that e-mail is far from secure. If anyone ever asks you for personal information via e-mail, it probably is a scam, no matter how pretty or professional their logo or graphics may appear.

From *The ARRL Letter*, December 15, 2011

A closed mouth gathers no feet.

THE PROPAGATOR

JANUARY 2012

NOTES ON CALENDAR (see last page)

Large Call letters denote birthdays e.g. **KC2TKK** on January 10. All times are EST. Contests are listed in the January QST, p. 83.

Dec. 31-Jan. 1 – **ARRL Straight Key Night,** CW from 7 pm Sat. to 7 pm Sun. See http://www.arrl.org/straight-key-night

January 2 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 3 – **Middletown Pancake House Luncheon** at noon at left rear table. All are welcome.

January 3 – **Old Barney VE Session** at 6:30 pm in Manahawkin. Contact Kevin Wagner, W2FA at 732-279-0532 or w2fa.kgw@gmail.com

January 3 – **Monmouth Amateur Radio Club meeting** at 7 pm in Union Beach Police Annex (Municipal Building) on Poole Avenue.

January 3 – **Old Barney ARC Meeting** at 7:30 pm at Ocean Acres Community Center in Manahawkin, NJ. See http://www.obarc.org

January 3 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

January 4 – **GSARA Meeting** at 7:30 PM at the Red Cross, West Park Ave. & Shafto Road, Tinton Falls.

January 5 - **Holiday City ARC meeting** at 7 pm at Holiday City South Clubhouse in Toms River.

January 6 - **W1AW Qualifying Run** at 10 pm (35-10 wpm). See January QST, p. 86 or www.arrl.org/w1aw

Jan. 7-8 – **ARRL RTTY Roundup** from 1 pm Sat. until 7 pm Sunday. See http://www.arrl.org/contests

January 8 – **Kid's Day**, Phone from 1 pm to 7 pm. See http://www.arrl.org/kids-day

January 8 and every Sunday – **InfoAge Marconi Hotel** open from 1 to 5 pm on Marconi Road in Wall.

January 9 -. **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 10 – **VE Test Session** at Croyden Hall, Leonardo section of Middletown at 7:00 pm. For more information, contact Mario Sellitti, N2PVP at 732-787-7184 or n2pvp@n2pvp.com

January 11 – **Holiday City VE Session** at 7 pm in Toms River. Contact is Larry Puccio, K2QDY at 732-349-2950 or e-mail at lpuccio1@comcast.net

January 12 – **JSARS meeting** in Riverwood Park Recreation Building, Rt. 527 and Riverwood Drive in Toms River at 7:30 pm.

January 14 – **OMARC Meeting**, 9:00 am at the Diana Site on Marconi Road, Wall, NJ. Guests are welcome.

Jan. 14-15 – **North American QSO Party**, CW from 1 pm Saturday until 1 am Sunday. See http://www.ncjweb.com/naqprules.php

January 16 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 18 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. John King, KA2F about rum-runners and radio.

January 19 – **W1AW Qualifying Run** at 9 am (10-35 wpm). See January QST, p. 86 or www.arrl.org/w1aw

January 19 – **JSARS VE Test Session** at 7:30 pm Riverview Park Recreation Bldg., Rt. 527 and Riverwood Drive in Toms River. Contact Ed Genoino, WA2NDA at 609-971-2792 or wa2nda@comcast.net.

Jan. 21-22 – **North American QSO Party**, SSB from 1 pm Saturday until 1 am Sunday. See http://www.ncjweb.com/naqprules.php

Jan. 21-22 – **ARRL VHF Sweepstakes** from 2 pm Saturday until 11 pm Sunday. See http://www.arrl.org/contests

January 27-29 – **CQ WW 160 Meter Contest**, CW from 5 pm Friday to 5 pm Sunday. See http://www.cq160.com

January 28 – **Neptune Amateur Radio Club Meeting** at 9 am at the American Legion on Gully Road.

January 30 -. **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 30 – **GSARA DX Interest Group** at 7:30 at the Red Cross

JANUARY 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 **New Year** SKN	**2** ARES/RACES 7:30	**3** Pancake House MARC Mtg 7 PM Old Barney ARC QCWA News 9 PM	**4** GSARA Mtg	**5** Hol. City Mtg.	**6** CW Qual. Run	**7** RTTY Rndup
8 RTTY Rndup Kid's Day InfoAge	**9** RACES Net 7:30	**10** **KC2TKK** Croyden VE 7 PM QCWA News 9 PM	**11** **KE2DT** **W2XYZ** Hol. City VE	**12** JSARS Mtg.	**13** **W2QFQ**	OMARC Mtg **14** NA QSO, CW
15 NA QSO, CW InfoAge	**16** ARES/RACES 7:30	**17** QCWA News 9 PM	**18** **KA2VXA** GSARA Mtg.	**19** CW Qual. Run JSARS VE	**20**	**21** **N2LAL** NA QSO, SSB VHF SS
22 NA QSO, SSB VHF SS InfoAge	**23** ARES/RACES 7:30	**24** QCWA News 9 PM	**25**	**26**	**27** CQ WW 160 CW	Neptune Mtg **28** CQ WW 160 CW
29 CQ WW 160 CW InfoAge	**30** RACES Net 7:30 DX Mtg 7:30	**31** QCWA News 9 PM				

G.S.A.R.A.

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FIRST CLASS