



THE PROPAGATOR

Holmdel, NJ 07733
Editor: Bob Buus, W2OD

JANUARY 2013

UPCOMING GSARA MEETING

The next GSARA meeting will be held on **Wednesday, January 2 at 7:30 PM** at the Red Cross. This will feature our President Frank, W2XYZ talking about EchoLink. Guests are always welcome and refreshments will be served.

The second GSARA meeting for January will be held on **Wednesday, January 16 at 7:30 PM** at the Red Cross. This will be a regular business meeting which will include a vote on changing the Constitution to lower the family membership fee by \$5 per year (see below). Guests are always welcome and light refreshments will be served.

CHANGE IN GSARA CONSTITUTION

At the January 16 GSARA meeting, the members present will vote on the following change to the Constitution reducing the incremental charge for Family Membership from \$10 to \$5:

Change Article I, Section II, paragraph G, first sentence to read:

G. Family Member. All interested persons in a family sharing a common household may become members by a single annual dues payment of five dollars (\$5) more than the individual annual dues.

GSARA HOMEPAGE

<http://www.gardenstateara.org>

HUDSON DIVISION HOME PAGE

<http://www.hudson.arrl.org>

Only in This Stupid Worlddo drugstores make the sick walk all the way to the back of the Store to get their prescriptions while healthy people can buy cigarettes at the front.

WEDDING BELLS FOR FRANK, W2XYZ

For those of you who thought that our President Frank, W2XYZ was going to be a widower for the rest of his life, you are going to be wrong. It turns out that Frank is getting married to Franca Monnier from Melville, LI on Saturday, February 2 at a private ceremony in Prince of Peace Lutheran church in Howell. After the wedding, they will drive down to Florida to catch a Holland America ship for a 10-day cruise around the southern Caribbean. They'll spend the remainder of February in Florida and head back north in March when Frank will continue to lead the GSARA to another outstanding year. Congratulations, Frank and best wishes to Franca.

ARRL ASKS FOR NEW MF BAND

At the 2012 World Radiocommunication Conference (WRC-12), delegates approved a means of satisfying Agenda Item 1.23: a 7-kilohertz-wide secondary allocation between 472-479 kHz for the Amateur Radio Service, with a power limit of 5 W EIRP (or 1 W EIRP, depending on location). Before this portion of spectrum is made available to radio amateurs in the US, the FCC must first approve its use and amend its rules to reflect the change. As such, the ARRL filed a Petition for Rulemaking on November 29, asking the FCC to amend Parts 2 and 97 of its rules and create a domestic Amateur Radio allocation at 472-479 kHz, conforming to the allocation status and limitations set forth in the international Radio Regulations. Read more [here](#).

From *The ARRL Letter*, December 13, 2012

You know that Indestructible black box that is used on airplanes? Why don't they make the whole plane out of that stuff?!

GSARA OFFICERS

President	W2XYZ	Frank Wroblewski	942-7705
Vice Pres.	W2HTS	Howard Suffill	460-1885
Secretary	W2OD	Bob Buus	946-8615
Treasurer	K2QXW	Bruce McLeod	946-4368
Engineer	N2WLH	Steve Jackson	573-979-1816
Webmaster	KE2V	Vince Rosati	229-3283
Publicity	NJ2H	Bill Shockley	207-4466
Repeater	N2LXM	Jeff Harshman	922-0816
Trustees	W2KQ	Joe Dreifuss	493-4236
	W2OD	Bob Buus	946-8615
	W2HAM	Lou Russo	842-6431

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 28th so mark your calendars if you would like to attend.

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

I hope that you all had an enjoyable holiday and I wish you a Very Happy New Year! The world didn't end so it looks like we will be around for a while yet.

It looks like we might be getting a new band at 472-479 kHz (see page 1). Note that this is below the AM broadcast band so if you think 160 meter antennas are large, they're really huge at 600+ meters. It looks like the allowed power on this band will be very restricted so it will be quite a challenge to work much DX down there.

I wonder if any of you have seen the Lincoln movie yet (see page 6). I've heard nothing but good things about it and hope to get a chance to see it. I'm particularly interested in the American Morse code apparatus. Not only is the code different than what we use, the "click-clack" sounders sound completely different than the CW we hear on the air. Lincoln was the first President to depend on the telegraph to get news from his Generals during the Civil War.

A couple of Hams face some serious fines from the FCC for violating the rules (see page 7). I can't imagine how they thought they could get away with such activity. If they weren't Hams, I could attribute their actions to just stupidity but they really should have known better.

GSARA certainly had a very good year in 2012 with lots of fun activities (see page 5). Plans are underway to make 2013 even better. It's nice to see members volunteering to help make the activities fun for everyone. I particularly commend John, KA2F for volunteering to coordinate the spring Hamfest. We all owe him our support.

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 DEC. 5 MEETING

By Bob Buus, W2OD, Secretary

After having no meetings in November due to the disruption of superstorm Sandy, President Frank, W2XYZ called the meeting to order at 7:35 PM at the Red Cross. There were 19 members present. After the pledge to the flag, all present introduced themselves.

Health and Welfare

Bob, W2OD reported that former GSARA member Sam Marino, KC2HAW became a silent key on November 16 at the age of 89. Sam lived in Atlantic Highlands and attended the Middletown Pancake House luncheons until his health failed him about a year ago.

Bob also reported that John LaRocca, WA2TAY of Holmdel died on November 27 at the age of 66. He was not a member of GSARA.

Secretary's Report

A motion was made by Ralph, KC2YNL and seconded by Jeff, N2LXM to accept the secretary's reports for the October meetings as published in the November Propagator. The motion passed unanimously.

Treasurer's Report

Treasurer Bruce, K2QXW presented the Treasurer's report. A motion was made by Ralph, KC2YNL and seconded by Jeff, N2LXM to accept the report and it was approved unanimously.

Old Business

The nominating committee presented the following slate of officers to serve in 2013:

President: Frank Wroblewski, W2XYZ

Vice President: Howard Suffill, W2HTS

Secretary: Bob Buus, W2OD

Treasurer: Bruce McLeod, K2QXW

Chief Engineer: Steve Jackson, N2WLH

The committee also recommended that Jeff Harshman, N2LXM serve as repeater czar.

Since there were no other nominations from the floor, President Frank, W2XYZ asked the Secretary to cast the vote for the above slate of officers.

Field Day results were published in the December QST and W2GSA came in 11th out of 65 in the 2F category. Frank, W2XYZ noted that if we had run low power and made the same contacts, our score would have doubled and we would have placed first in the nation for 2F!

The VE test sessions were canceled in November and December. Testing will resume on Saturday, January 12, 2013 and the second Saturday of each month thereafter.

Our repeater has an intermittent problem. Jeff, N2LXM will meet George, K2EPD at the repeater site on Friday afternoon to try to resolve the problem.

New Business

The Neptune Amateur Radio Club is being dissolved but they are holding a final Christmas party and have invited any GSARA member interested to attend. It will be at the Elks Club on Bangs Avenue at 2 PM on Sunday, December 9. Cost for non-members of the NARC is only \$10 for individuals and \$15 for couples. A motion was made by John, KA2F and seconded by Bill, NJ2H to offer former NARC members who are not members of GSARA to join GSARA for 2013 at no charge (or \$5 if they wish to receive a paper copy of the Propagator in the mail). The motion passed unanimously.

After some discussion regarding Family membership, a motion was made and seconded to lower the dues for family membership to be \$5 more than individual membership (it is currently \$10 more). The motion passed unanimously but the secretary will check the Constitution and Bylaws to be sure that this dues change can be implemented with a simple motion.

The spring GSARA Hamfest is scheduled for Sunday, May 4 at our usual location. This is a week before Mother's Day. Frank asked for a volunteer to chair the Hamfest and John, KA2F volunteered with Joe, W2KQ continuing to provide the interface with MAECOM and Bill, NJ2H to help with the publicity.

Superstorm Sandy did only minor damage to the GSARA antennas at the Red Cross. Several GSARA members volunteered to provide any required communications services for the Red Cross during and after the storm. The efforts were appreciated by the Red Cross.

Announcements

The Hudson Division Award Luncheon was canceled and GSARA was refunded the \$50 for an ad.

SCAN at the Monmouth Mall has asked for a 1-day amateur radio class. Jeff, N2LXM will conduct the class at the OMARC Diana site on Saturday, January 19. Class will start at 8 AM and the Technician exam given in the afternoon.

W2RWJ is looking into providing a remote base for the internet at Infoage which may be very useful to GSARA since the Red Cross firewall causes some problems with EchoLink.

Close

The door prize of \$17 was won by Lance, N2UUS. Frank, W2XYZ announced that there will be a second drawing at the December 19 meeting for an ARRL gift certificate. There being no further business, a motion was made by Ralph, KC2YNL and seconded by Jim, WA2HPD to adjourn. With unanimous vote, the meeting was adjourned at 8:47 pm.

MINUTES OF DEC. 19 MEETING

By Bob Buus, W2OD, Secretary

President Frank, W2XYZ called the meeting to order at 7:33 PM at the Red Cross. There were 22 members and one guest present. The guest was Hunter Suffill, son of Howard, W2HTS. After the pledge to the flag, all present introduced themselves.

Old Business

Jeff, N2LXM and George, K2EPD visited the repeater and made several minor repairs. They think they have it fixed but, with intermittent problems, only time will tell.

The motion passed at the last meeting to reduce family membership dues by \$5 requires a change to the constitution. The proposed change will be published in the next Propagator and voted upon at the January 2 meeting.

GSARA Recap of 2012

President Frank, W2XYZ presented a summary of GSARA activities from the past year.

Our paid membership went from 55 at the start of 2012 to 65 at the end of the year – an increase of 18%.

Proceeds from the two hamfests and the white elephant sale added nearly \$3000 to our treasury. This was partially offset by expenses for upgrading and repairing our station equipment but we did end the year with the treasury up about 40%.

During 2012, we activated the Red Cross station for emergency communications twice, hosted two hamfests, ran a white elephant sale, and conducted a one-day technician class. We also started conducting VE exams which will be monthly during 2013. We operated Field Day, took possession of the Asbury Park repeater on 147.045 and sponsored a field trip to the USS New Jersey.

We had an amateur radio-related program almost every month – usually on the first meeting of the month.

GSARA Plans for 2013

President Frank, W2XYZ then asked for suggestions as to what the member would like to see for 2013 activities and the following list was generated:

- A program about propagation – perhaps by Joe, WA2SFF
- Club activity on 10 meters – perhaps a weekly net
- HF training – Ham 101 teaching how to get on hf
- A talk about wire or stealth antennas
- A list of Elmers
- Plan on two Hamfests for the year
- Participation in Field Day
- A picnic – perhaps combined with a hidden transmitter hunt
- A 2-meter GSARA net on the Wednesdays when there is no meeting
- Digital mode sound card interfaces
- Invite the new Hudson Division Director to give us a talk
- Invite a representative from the Antique Radio Association to give a talk
- A talk about the W2GSA digital node and packet radio
- A club building project – perhaps an offset attenuator for fox hunting

A trip to the USS Intrepid in New York
An explanation of Red Cross operations
A talk about mobile radio installation

Announcements

SCAN at the Monmouth Mall has asked for a 1-day amateur radio class. Jeff, N2LXM will conduct a one-day Technician class at the OMARC Diana site on Saturday, February 2. Class will start at 8 AM and the Technician exam given in the afternoon.

A special event station N0D will operate commemorating the end of the world from December 20 through the 22nd.

Close

The door prize of \$21 was won by Jeff, N2LXM. A second prize of a \$50 gift certificate from the ARRL was won by George, K2EPD. There being no further business, a motion was made by Joe, W2KQ and seconded by Steve, N2WLH to adjourn. With unanimous vote, the meeting was adjourned at 8:55 pm.

JOHN LARocca, WA2TAY - SK

John A. LaRocca, 66, of Holmdel, NJ, passed away Tuesday, November 27, 2012 at Robert Wood Johnson Medical Center in New Brunswick after a courageous battle with cancer. He was born in Bayonne and lived in Staten Island, NY for 34 years before moving to Holmdel. John was a veteran of the Vietnam War, having served in the US Army, attaining the rank of Lieutenant Colonel. He was a kind and gentle man who never said "no." He was a member of the Knights of Columbus, MOAA, had a Ham Radio License (WA2TAY) and was an avid Giants fan who had season tickets for 17 seasons.

Surviving are his wife of 44 years, Kathleen Terracciano LaRocca; his daughter, Christine; his son, Michael; and five grandchildren.

Contributions may be made to the American Cancer Society, Eastern Division 2310 Route 34, Suite 1D, Manasquan, NJ 08736.

For more information or to send condolences, please visit www.pflegerfh.com

HIGHLIGHTS OF 2012 GSARA

Membership went from 55 at beginning of year to 65 at the end, an increase of 18%.

Treasury increased by about 40%. Major non-dues income was from the White Elephant sale and the two hamfests. Major expenses included purchase of station accessories, an Automatic Antenna tuner, a power tube for our linear amplifier, liability insurance, and Propagator expenses.

Activities:

W2GSA was twice activated by the Red Cross for emergency communications.

Held One-Day Technician Class and Examination.

Third Annual White Elephant Sale.

Club Field Trip to USS New Jersey.

Spring and Fall Hamfest at MOESC.

Operated "2F" in ARRL Field Day.

Took possession of 147.045 repeater.

Began monthly VE testing.

GSARA Meeting Night Programs in 2012:

Pirate Radio/Prohibition Era in the Highlands by John King, KA2F (January).

Antennas and Propagation by Bob Buus, W2OD (February).

Weird Antennas in NJ by Dr. Rebecca Mercuri, KA3IAX (May).

Incoming QSL Bureau by Bill Hudzik, W2UDT (September Hamfest).

WINLINK 2000 by Howard Suffill, W2HTS (April).

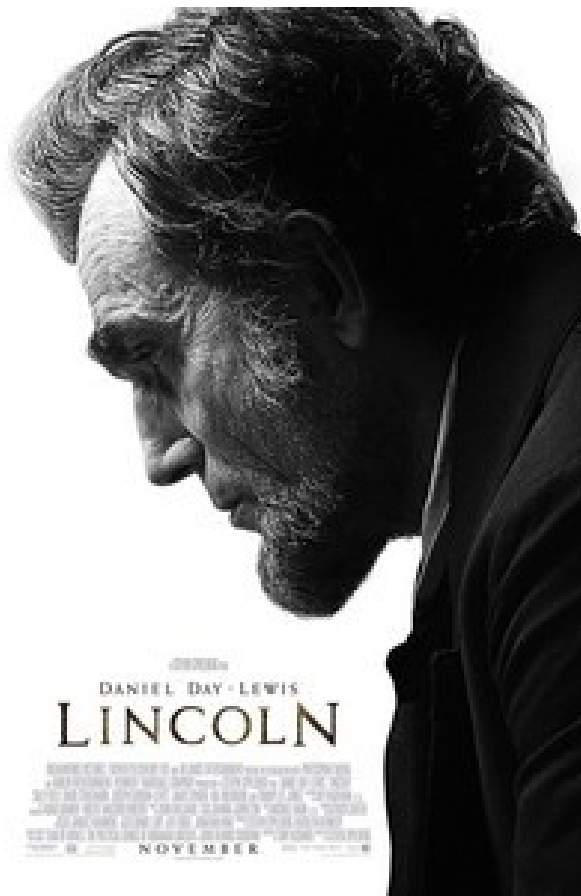
CPR and AED Introduction by Tom Cosgrove, N2VFK (August).

ARRL Info with NNJ Section Manager Rich Krohn, N2SMV

Amateur Radio Operation in 1920's by Bob Buus, W2OD (September).

SKYWARN Presentation by Matt Bartky, KD2AUR (October).

MORSE CODE IN LINCOLN MOVIE



Producer Steven Spielberg has used Amateur Radio or Morse code in three of his last four movies: Super 8 (2011), The Adventures of Tin Tin (2011) and Lincoln (2012). Members of the Morse Telegraph Club -- an association of retired railroad and commercial telegraphers, historians, radio amateurs and others with an interest in the history and traditions of telegraphy and the telegraph industry -- played an integral part in the production of Lincoln.

"Nine of the 16 telegraph stations depicted in the War Department were fully operational," explained Morse Telegraph Club International President James Wade, WB8SIW. "These instruments could be operated in any combination through the use of a specialized computer program and custom-built terminal units for the process. When necessary, a hand key could be inserted in the individual telegraph loops so messages could be improvised." Read more [here](#).

From *The ARRL Letter*, November 29, 2012

NASA ACCEPTING APPS FOR ISS CONTACTS



NASA is now accepting proposals from US schools, museums, science centers and community youth organizations -- individually or working together -- to host an Amateur Radio on the International Space Station (ARIS) contact between May 1, 2013 and November 1, 2013. To maximize these radio contact opportunities, NASA is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed education plan. Radio contacts are approximately 10 minutes in length. ARIS contacts are supported by the program's US partners -- the ARRL and AMSAT -- and their member volunteers, as well as other international space agencies and Amateur Radio partners. Proposals are due January 28, 2013.

Interested parties can visit the [ARRL website](#) or the [NASA Teaching From Space website](#) for information about proposal requirements and how to submit a proposal, as well as links to audio and videos of archived contacts. Five information sessions are also available for groups who are considering submitting an ARIS proposal. Access to the Internet and a telephone line are required to connect to a session. Information on how to sign up for these sessions is available on the ARRL and NASA websites.

From *The ARRL Letter*, December 6, 2012

Ever wonder why the sun lightens our hair, but darkens our skin?

Why didn't Noah swat those two mosquitoes?

Why do they sterilize the needle for lethal injections?

KANSAS HAM FINED \$10,000

On December 5, Glen Rubash, KC0GPV, of Dwight, Kansas, was issued a \$10,000 fine for what the FCC called "willfully and Repeatedly" violating Section 301 of the Communications Act of 1934, as amended, by operating an unlicensed radio transmitter on the frequency 88.3 MHz in Manhattan, Kansas.

In response to a complaint, agents from the FCC's Kansas City office used direction finding equipment techniques to locate the source of radio frequency transmissions on the frequency 88.3 MHz. According to a Notice of Apparent Liability for Forfeiture issued on December 6, agents found an FM transmitting antenna mounted on a pole next to a residence in Manhattan, Kansas on September 26, 2012. The agents determined that the signals on 88.3 MHz exceeded the limits for operation under Part 15 and therefore required a license. The FCC noted that its records showed that no authorization was issued to Rubash or to anyone else for operation of an FM broadcast stations at or near this location. Read more [here](#).

From *The ARRL Letter*, December 6, 2012

RAC HAS NEW QSL BUREAU



Effective immediately, Radio Amateurs of Canada (RAC) has instituted a new, centralized address for its Incoming QSL Bureau: RAC National Incoming QSL Bureau, Box 51, Saint John, NB

E2L 3X1, Canada. RAC International Affairs Officer George Gorsline, VE3YV, told the ARRL that hams should no longer send any cards through the provincial QSL bureaus. Please direct any questions regarding this new policy to Gorsline via [e-mail](#).

From *The ARRL Letter*, December 6, 2012

Why is lemon juice made with artificial flavor, and dishwashing liquid made with real lemons?

NJ HAM'S FINE REDUCED TO \$16K

After unsuccessfully appealing to the FCC to cancel his \$20,000 forfeiture, Joaquim Barbosa, N2KBJ, of Elizabeth, New Jersey must pay \$16,000 for "willfully and repeatedly violating Section 301 of the Communications Act of 1934, as amended by operating a radio transmitting equipment on the frequency 296.550 MHz without Commission authorization."

The FCC noted in the Forfeiture Order that based on the examination process involved in pursuing an amateur license, "amateur licensees are expected to have an understanding of radio operations and pertinent FCC regulations, including Part 97 of the FCC's rules governing the Amateur Radio Service. Licensed amateur operators know that they are authorized to operate only on the frequencies listed in Section 97.301 of the rules, as designated by their operator class and license. Pursuant to the Table of Allocations, the 267-322 MHz band -- the band that Barbosa was operating in -- is allocated solely for federal government use, which we continue to believe Barbosa knew (or should have known) was not authorized for non-government use." Read more [here](#).

From *The ARRL Letter*, December 13, 2012

TEN YEARS AGO

From the January 2003 Propagator: OMARC was operating special event station N2MO to commemorate Project Diana on January 11. Bob, W2OD was inducted as a Fellow in the Radio Club of America in New York City. P5/4L4FN went QRT from North Korea after a year of operation.

FIFTEEN YEARS AGO

From the January 1998 Propagator: Popular amateur meeting place Howard Johnson's Restaurant closes and amateur luncheons moved to the Middletown Pancake House. Bob, W2OD talked about RF exposure guidelines at the January 21 meeting. The new requirements are effective January 1, 1998. A new Roster was published showing 145 paid members!

NEW MANAGER FOR NYC-LI SECTION

Effective January 1, 2013, Jim Mezey, W2KFV, of Carle Place, New York, will be the new ARRL New York City-Long Island Section Manager. ARRL Membership and Volunteer Programs Manager Dave Patton, NN1N, appointed Mezey after consulting with current ARRL New York City-Long Island Section Manager Mike Lisenco, N2YBB. Lisenco, who will step down as Section Manager on January 1, was elected as ARRL Hudson Division Director last month.

Mezey has served as the New York City-Long Island Section Emergency Coordinator for the last four years. Prior to that, he was the Nassau County ARES District Emergency Coordinator.

There is presently a re-solicitation underway for nominations for the next term of office for the New York City-Long Island Section Manager position. The Rules and Regulations of the ARRL Field Organization say that since there were no nominating petitions received by the original closing date of September 7, 2012, nominations are then re-solicited. Nominations are due by March 8, and the 18-month term of office begins on July 1, 2013. Refer to page 84 of the January 2013 issue of QST for more information.

From *The ARRL Bulletin* 28, December 21, 2012

TWENTY YEARS AGO

From the January 1993 Propagator: Guest speaker at the January 6 meeting was Jeff, N2LXM talking about Garden State Parkway toll machines. Amateurs got a nice write-up in the Asbury Park Press for providing communications during the December 11 storm. "Getting to Know You" featured our new President, Don Venberg, W2GEZ (SK).

NOTES ON CALENDAR (see next page)

Large Call letters denote birthdays e.g. **WA1PCY** on January 6. All times are EST. Contests are listed in the January QST, p. 87

Dec. 31-Jan. 1 – **Straight Key Night**, CW from 7 pm Monday to 7 pm Tuesday. See <http://www.arrl.org/straight0key-night>

January 2 – **GSARA Meeting** at 7:30 at the Red Cross. Regular business meeting.

January 3 - **Holiday City ARC meeting** at 7 pm at Holiday City South Clubhouse in Toms River.

LoTW UPDATED

The ARRL has created a new informational [page](#) to issue daily status updates and information of interest to the Logbook of The World (LoTW) user community. These updates will include planned downtime and changes that will impact LoTW operations. In addition, LoTW's processing queue is now [updated hourly](#), telling how many logs and QSOs have been uploaded to the LoTW system and are awaiting processing. New hardware that will improve LoTW's throughput is on order and is expected to be running in six to eight weeks.

Rick Murphy, K1MU, and Dave Bernstein, AA6YQ, have been charged with rebooting the Trusted QSL open source project. If you have demonstrably strong C++ development skills that you're interested in applying toward improving LoTW's usability and efficiency, please contact Bernstein via e-mail [aa6yq\(at\)ambersoft\(dot\)com](mailto:aa6yq(at)ambersoft(dot)com).

We appreciate the user community's patience while we work to bring LoTW's performance to an acceptable level.

From *The ARRL Letter*, December 13, 2012

TWENTY-FIVE YEARS AGO

From the January 1988 Propagator: Special "200" call signs were authorized by the FCC to commemorate the 200th anniversary of the signing of the Constitution. Among the 5 stations authorized for New Jersey were W200GSA (GSARA) and K200USA (Fort Monmouth). These stations could only be operated during the week of December 19-25, 1987. The January 1988 roster showed 117 paid members to GSARA.

January 4 - **WIAW Qualifying Run** at 10 pm (10-35 wpm). See www.arrl.org/qualifying-run-schedule

Jan. 5-6 – **ARRL RTTY Roundup** from 1 pm Sat. to 7 pm Sun. See <http://www.arrl.org/contests>

January 6 – **Kids Day**, Phone from 1 pm to 7 pm. See <http://www.arrl.org/kids-day>

January 6 and every Sunday – **InfoAge Marconi Hotel** open from 1 to 5 pm on Marconi Road in Wall.

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

January 8 – **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 8 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

January 9 – **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 10 – **JSARS meeting** in Riverwood Park Rec. Building, Rt. 527 and Riverwood Drive at 7:30 pm.

January 12 – **OMARC Meeting**, 9:00 am at the Diana Site on Marconi Road, Wall, NJ. Guests are welcome.

January 12 – **GSARA VE Test Session** at 11 am at Red Cross in Tinton Falls. Contact Frank Wroblewski, W2XYZ at 732-942-7705 or e-mail at w2xyz@arrl.net

January 12-13 – **North American QSO Party, CW** from 1 pm Sat. to 1 am Sun. See <http://www.ncjweb.com/naqprules.php>

January 14 - **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 16 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Recap of the year's activities.

January 17 – **WIAW Qualifying Run** at 9 am (10-35 wpm). See <http://www.arrl.org/qualifying-run-schedule>

January 17 – **JSARS VE Test Session** at 7:30 pm Riverview Park Recreation Bldg., Rt. 527 and Riverwood Drive in Toms River. Contact Ed Genoio, WA2NDA at 609-971-2792 or wa2nda@comcast.net.

January 19-20 – **North American QSO Party, Phone** from 1 pm Sat. to 1 am Sun. See <http://www.ncjweb.com/naqprules.php>

January 19-20 – **ARRL January VHF Contest**, Ph and CW from 2 pm Sat. to 11 pm Sun. See <http://www.arrl.org/contests>

January 21 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

Jan 25-27 – **CQ WW 160 Meter Contest**, CW from 5 pm Fri. to 5 pm Sun. See <http://www.cq160.com>

Jan. 26-27 – **Winter Field Day**, all modes from noon Sat. to noon Sun. See <http://www.spar-hams.org>

January 28 - **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 28 – **GSARA DX Interest Group** at 7:30 pm at the Red Cross.

2013 DUES ARE DUE!

If you have not yet paid your dues for 2013 (see mailing label on last page), now is the time to do it. Please pay our treasurer **Bruce McLeod, K2QXW**. Regular membership is \$15, family membership is \$20, students are \$7.50 and active Military personnel pay no fee (but submit form to show continued interest in belonging). If you want a paper copy of *The Propagator* mailed to you, add \$5 and check this box: ☀

NAME _____ CALL _____

wishes to continue membership in GSARA for 2013. Payment of \$ _____ is enclosed.

Make checks payable to GSARA and mail or give to: **Bruce McLeod, K2QXW**
42 Freesia Court
Holmdel, NJ 07733-2908

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 SKN	2 GSARA Mtg.	3 Hol. City Mtg.	4 CW Qual. Run	5 RTTY Rndup
6 WA1PCY RTTY Rndup Kids Day InfoAge	7 ARES/RACES 7:30	8 Croyden VE 7 PM QCWA News 9 PM	9 Hol. City VE	10 KC2TKK JSARS Mtg.	11 KE2DT W2XYZ	12 OMARC Mtg GSARA VE N.A. QSO CW
13 N.A. QSO CW InfoAge	14 RACES Net 7:30	15 QCWA News 9 PM	16 GSARA Mtg.	17 CW Qual. Run JSARS VE	18 KA2VXA	19 VHF Cntst N.A. QSO Ph.
20 VHF Cntst N.A. QSO Ph. InfoAge	21 N2LAL ARES/RACES 7:30	22	23	24	25 CQ WW 160 CW	26 CQ WW 160 CW Winter FD
27 CQ WW 160 CW Winter FD InfoAge	28 DX Mtg. 7:30 RACES Net 7:30	29	30	31		