



THE PROPAGATOR

Holmdel, NJ 07733
Editor: Bob Buus, W2OD

JANUARY 2015

UPCOMING GSARA MEETINGS

The next GSARA meeting will be on **Wednesday, January 7 at 7:30 PM** at the Red Cross. The program will feature Len, WA1PCY describing a variety of Propagation tools (see page 4). Don't miss this interesting program. Bring a guest and enjoy the light refreshments that will be available.

The second meeting in January will be held on **Wednesday, January 21 at 7:30 PM** at the Red Cross. This will be a regular business meeting. Light refreshments will be served and guests are always welcome.

GSARA NET 8:30 PM TUESDAYS

GSARA members meet on the Asbury Park repeater every Tuesday at 8:30 pm. In the first four sessions in December, we had 23 check-ins for an average of 5.75 per session. The following 11 members checked into this net at least once (number of check-ins in parenthesis):

W2OD (4), N2BMK (3), KG2CM (3), N2HGI (3), KA2F (2), W2UTR (2), KC2YNL (2), K2CYS (1), KD2EPA (1), K2EPD (1) and K2REM (1).

Mark your calendar so you remember to participate. The more participation, the more fun!

VE TEST SESSION JANUARY 24

The GSARA monthly test session will be held on Saturday, January 24 at 11 am at the Red Cross in Tinton Falls. The fee is \$15 and you should bring the original and a copy of any amateur license presently held and the original and one copy of any credit (CSCE) forms that you have (copies will be sent in with your test results). Also bring 2 forms of ID with one being a photo ID. For more information, contact Rich Bilon, N3RB at 732-972-1397 or n3rb@arrl.net.

WELCOME NEW MEMBERS

Please welcome Ray Westervelt, N2DNZ from Neptune to the GSARA. Licensed since 1976, he holds a Technician license and is active on 2 meters. Ray is retired. Please add to your roster:

Ray Westervelt, N2DNZ
315 West Sylvania Ave.
Neptune City, NJ 07753
732-988-6278
nesa21568@aol.com

Please also welcome Roberto Mattos, AC2PD from Morganville to the GSARA. He earned his Extra Class license after having passed all of the elements for Technician, General and Extra at the GSARA November VE session. Roberto is a retired electronic engineer who enjoys reading and fishing and is anxious to start having fun on the HF bands. Please add to your roster:

Roberto Mattos, AC2PD
9 Sandburg Drive
Morganville, NJ 07751
732-851-5136
rmattos@optonline.net

Please also welcome John Chunga, KC2YWL from Avon to the GSARA. He has held a Technician license since 2010 and is active on 2 meters and 70 cm with his Yaesu FT-7900 mobile and Yaesu FT-60R HT. John would like to upgrade to General and to learn Morse code. An accountant by trade, he is also interested in First Aid, foreign banknotes and accounting. Please add to your roster:

John Chunga, KC1YWL
109 S. Station Ave.
Avon, NJ 07717
732-693-7648
huesca1968@aol.com

GSARA OFFICERS

President	W2HTS	Howard Suffill	460-1885
Vice Pres.	NJ2H	Bill Shockley	207-4466
Secretary	W2OD	Bob Buus	946-8615
Treasurer	K2QXW	John King	942-7705
Engineer	W2EPD	George Graulich	255-7916
Webmaster	K2CYS	Cy Stanway	768-7773
Publicity	NJ2H	Bill Shockley	207-4466
Repeater	N2LXM	Jeff Harshman	922-0816
Radio Room Phone		732-493-9100, X1252	
Trustees	W2KQ	Joe Dreifuss	493-4236
	W2OD	Bob Buus	946-8615
	W2HAM	Lou Russo	842-6431

FRIDAY BLUE SWAN LUNCHEONS

A number of local radio amateurs meet each Friday at the Blue Swan Diner on Highway 35 south in Ocean Township at noon. Anyone interested in amateur radio is welcome to join us in the sun room at the north end of the diner.

PATCHES

We have GSARA 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). Ray, WA1FFT will then send them on to ARRL 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.

GSARA HOMEPAGE

<http://www.gardenstateara.org>

HUDSON DIVISION HOME PAGE

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

EDITOR'S NOTES

I'd like to thank all who turned out for the GSARA luncheon at Schneider's on December 6. My family and I really enjoyed this activity and look forward to honoring someone else next year.

Speaking of luncheons, the Friday luncheon at the Blue Swan is picking up steam. I think that there were 7 of us last Friday which made for lots of good conversation. Will I see YOU there?

I'm looking forward to the January 7 program by Len, WA1PCY (see p. 7). Bob Lewis, W2EBS made a presentation of the same material over 40 years ago at a GSARA meeting where he used graphical techniques to predict propagation. We've come a long way since then and Len will show us how to effectively use the internet to obtain this information.

Speaking of Len, he is to be congratulated on obtaining his WAS Digital from ARRL. He's only missing RI for WAS JT-65. Hats off to you, Len and keep up the good work.

The ARRL centennial comes to a close with the close of the year but now we can celebrate the 100th anniversary of QST in 2015 (see p. 6). I'm looking forward to each issue of QST this year.

The Diana open house at the OMARC site at InfoAge on Saturday, January 10 should be interesting (see p.7). You might plan to attend and possibly swing by the InfoAge museum at the same time.

It looks like we will be starting over again on the equivalent of HR-4969 (allowing antennas in restricted communities) but the going should be much easier this year with so many congressmen committed to it (see p. 5). We'll watch this carefully.

Have you started learning/improving your Morse code abilities? For guidance on what to do and where to start, see Cy, K2CYS.

Finally, I'd like to remind you that dues for 2015 are due. You may mail in your payment with the coupon on page 9 or pay at either January meeting. Dues are \$15 for electronic Propagator or \$20 if you want paper copies mailed to you.

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 3 MEETING

By Bob Buus, W2OD, Secretary

President John King, KA2F called the meeting to order at 7:30 PM at the Red Cross. There were 17 members and four guests present. The guests were Jim Weythman from Red Bank, Robert Mattos, AC2PD from Morganville, John Chunga, KC2YWL from Avon and Chris Wantuck, W2NQB from Red Bank. After the pledge to the flag, all present introduced themselves.

Health and Welfare

Jeff, N2LXM was at the meeting after a long absence due to illness.

Secretary's Report

Being a program meeting, there were no Secretary nor Treasurer reports. However, there was a packet of QSL cards for W2GSA received which included Taiwan and Cyprus.

New Officers for 2015

The following officers were sworn in for 2015:

President – Howard Suffill, W2HTS
Vice President – Bill Shockley, NJ2H
Secretary – Bob Buus, W2OD
Treasurer – John King, KA2F
Chief Engineer – George Graulich, K2EPD

Each was asked by outgoing President John, KA2F if they would serve GSARA for the coming year and each answered affirmatively.

GSARA Luncheon at Schneider's

The luncheon will be at 2 pm Saturday, December 6 at Schneider's in Avon. John, KA2F announced that dessert, beverages, tax and gratuities will be borne by GSARA. We look forward to a good turnout.

New Members

An application for membership was received from Ray Westervelt, N2DNZ from Neptune City. He has been licensed since 1976 and holds a Technician license. Ray is retired and is active on 2 meters. A motion was made and seconded to accept Ray as an active member of GSARA and passed unanimously.

An application was also received from Roberto Mattos, AC2PD from Morganville. He was just granted his Extra Class license after having passed all of the elements for Technician, General, and Extra at the last GSARA VE session. Roberto is a

retired electronic engineer and is interested in HF SSB and CW. He also enjoys reading and fishing. A motion was made and seconded to accept Roberto as an active member of GSARA and passed unanimously.

Announcement

Jeff, N2LXM announced that K2USA will be on the air on Saturday and Sunday, December 6 and 7 to commemorate Pearl Harbor day. Any GSARA members interested in operating are welcome at the OMARC site on Marconi Road to operate the station.

Program

A DVD was shown from the History Channel about Marconi's first transatlantic radio transmission. In spite of many problems and much criticism, he was finally successful on December 12, 1901.

Close

The door prize of \$20.00 was won by Charlie, KB2YTM. There being no further business, the meeting was adjourned at 8:40 pm.

MINUTES OF DECEMBER 17 MEETING

By Bob Buus, W2OD, Secretary

President Howard Suffill, W2HTS called the meeting to order at 7:30 PM at the Red Cross. There were 18 members and three guests present. Guests were Jason DeMont, W5JPD from Fairview, Texas; Darin Diana, KD0ZXG from Highlands; and John Chunga, KC2YWL from Avon. After the pledge to the flag, all present introduced themselves.

Health and Welfare

The father of Ray, WA1FFT became a silent key some months ago. He was a former ham and operated CW out of Rhode Island.

Secretary's Report

The minutes of the December 3 meeting were not read but will be published in the January Propagator. Bob, W2OD read a letter received from Paul Roman, EMS Coordinator, thanking GSARA for participation in the Twin Lights Bike Tour held in September. He included a \$250 donation.

Treasurer's Report

Outgoing Treasurer Bruce, K2QXW presented the Treasurer's report. A motion was made by

Marty, N2BMK and seconded by Art, KC2CRI to accept the report as read. The motion passed unanimously.

Old Business

MOESC has given us approval for holding our spring Hamfest at their premises on Saturday, May 23. KJI Electronics will be available on that date and flyers should be made and sent to him. President Howard, W2HTS asked for volunteers to serve on a Hamfest Committee and Joe, W2KQ; John, KA2F; and Bill, NJ2H volunteered.

The GSARA Awards Luncheon at Schneider's in Avon on December 6 was enjoyed by all who attended. The lunches of those who were unable to attend due to unforeseen circumstances were distributed and enjoyed by those attending.

New Member

An application for membership was received from John Chunga, KC2YWL from Avon. John is an accountant who has held a Technician license since 2010 and is active on 2 meters and 70 cm with a Yaesu FT7900 mobile and Yaesu FT-60R as an HT. He plans to upgrade to General and to learn the Morse code. Other interests include First Aid, Foreign Banknotes, and accounting. A motion was made by Marty, N2BMK and seconded by Frank, W2XYZ to accept John as an active member of GSARA. The motion passed unanimously.

New Business

John, KA2F described the Worked All Continents (WAC) award sponsored by the IARU and handed out a flyer detailing the requirements and how to apply for the award. The basic award is granted for working the six continents of North America, South America, Oceania, Asia, Europe and Africa. There is also a 5-Band WAC for working the six continents on 80, 40, 20, 15 and 10 meters. John is an official card checker for central NJ and will be glad to check your cards for this award.

Announcements

John, KA2F brought reproductions of some early QSL cards. One was from GSARA first President Waldron Kennison, W2BTG who was W1BTG in 1932 when he filled out the card. Another was from former GSARA member Tony Colaguori, W2GUM and a third was from former member and trustee Bill Gould, K2NP.

Ray, KA1FFT is still having trouble with interference which might be due to a faulty power line insulator. If anyone could lend their expertise, he would appreciate it.

Bob, W2OD donated the book, "The Opus of Amateur Radio Knowledge and Lore" by Eric Nichols, KL7AJ to the GSARA library. He recommended the book to all amateurs or would-be amateurs and will publish his review of the book in the January Propagator.

Frank, W2XYZ brought a collection of spare parts for the repeater (including spare power amplifiers) and donated them to the club.

John, KA2F announced the Blue Swan luncheon every Friday at noon as well as the GSARA net on Tuesday nights at 8:30 pm and the QCWA News net on Tuesdays at 9:00 pm. All are invited to participate.

Close

The door prize of \$21.00 was won by John, KA2F. There being no further business, a motion was made by George, K2EPD and seconded by Hunter to close the meeting so the meeting was adjourned at 8:32 pm.

HR-4969 AND THE NEW CONGRESS

Largely as the result of a grassroots campaign, "The Amateur Radio Parity Act of 2014" (H.R. 4969) attracted the support of 69 members of the US House of Representatives in addition to that of its sponsor, Rep Adam Kinzinger (R-IL). While the just-adjourned 113th Congress did not enact the bill, the effort to gain passage of the legislation will begin anew when the 114th Congress convenes in January. Introduced with bipartisan support last June, H.R. 4969 called on the FCC to apply the "reasonable accommodation" three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The limited PRB-1 pre-emption currently applies only to state and municipal land-use ordinances. The FCC has indicated its reluctance to provide the same legal protections from private land-use agreements -- often called covenants, conditions, and restrictions (CC&Rs) -- without direction from Congress. ARRL Regulatory Information Manager Dan Henderson, N1ND, stressed this week that the fight is not over.

"While we are disappointed that the bill did not make it through the process during the session, the

effort was extremely energized by the efforts of thousands of ARRL members who participated in our grassroots lobbying effort," Henderson said. "In just 6 short months we gained tremendous traction for the Amateur Radio Parity Act."

Henderson explained that sometime after the new Congress is called into session in January, a new "Amateur Radio Parity Act" bill with a new number will be introduced into the US House. "Once this happens, the ARRL will gear up for a fresh effort to push this legislation forward," he added.

In a note to ARRL Section Managers this week, ARRL CEO David Sumner, K1ZZ, thanked Section leaders and Field Organization volunteers on behalf of the ARRL Board of Directors and Headquarters staff for their help in garnering legislative support for H.R. 4969. "We had hoped to gain 30 co-sponsors for the bill and ultimately ended up with 69, plus the sponsor," Sumner noted. "The overwhelming majority of these 70 supporters are returning in January, which gives us a good base on which to grow additional support."

Sumner said the objective for 2015 is to continue the momentum, gathering enough support to move the bill through the Energy and Commerce Committee. "We have received expressions of interest from the Senate side and are hoping to have the bill introduced there as well," he added.

Henderson said the bill would not have attained its current level of support in the US House without the thousands of letters and phone calls made by ARRL members to their congressional representatives. "The success of this crucial issue relies on the efforts of *all* radio amateurs and ARRL members," he said. "We know you will step forward in the new year, when we renew our efforts on Capitol Hill."

The ARRL H.R. 4969 web page provides [additional information](#).

From *The ARRL Letter*, December 18, 2014

BOOK REVIEW

By Bob Buus, W2OD

At the last GSARA Hamfest, I purchased "**The Opus of Amateur Radio Knowledge and Lore**" by Eric P. Nichols, KL7AJ. Although I wasn't impressed with the long title (opus means work, usually a music composition), this is not about combining amateur radio with music. Instead, it is a very easy to read book related to amateur radio which will enhance your knowledge of this hobby whether you're a newcomer or an old timer. The book will not tell you how to become a radio amateur but instead will tell you why you are or would want to be a "ham".

Eric's light writing style will leave you smiling (if not giggling) at many of the points made. I particularly liked Chapter 17, Bent Radio which described ionospheric propagation; Appendix III, How to Build a Dipole Antenna; and Appendix IV, Ladder Line to Eternity which provided insight as to how transmission lines work. Nowhere is the book overly technical and you will be surprised at the insights you might gain to rather complicated ideas with no math.

The book has a few shortcomings. Chapter 6, "How Radio Works" falls back on the ether and ripples on water in the bathtub – ideas much older than me and not particularly helpful in my opinion. Similarly, Chapter 7, "Antenna: Gateways to the Ether" is, in my opinion, more confusing than helpful. But who knows, maybe others will get something out of these chapters.

Also, I'm old enough to fondly remember the Burma Shave signs along the sides of many roads and Eric's attempt at emulating them fell completely flat with me (the Burma Shave signs were much better than his attempts in this book).

All in all though, I would recommend this book to all amateurs or those wishing to become a radio amateur. You'll find it entertaining and easy to read. Best of all, when you are finished reading it, you will undoubtedly have gained more insight into several aspects of this great hobby.

I have donated this book to the GSARA Library and hope that it gets worn out with use. If you do not want to wait your turn to borrow it from the library, you can purchase your own copy from Amazon for about \$18.

TU FROM HUDSON DIVISION

Hello GSARA,

On behalf of the ARRL Hudson Division, I'd like to thank you for taking an ad in the 2014 Hudson Division Awards Luncheon Journal. Your support was a major part of the success of the event, which raised \$4,500.00 that will be donated to the ARRL for legislative issues advocacy.

Mike Lisenco, N2YBB
Hudson Division Director.

QST CENTENNIAL IN 2015

Although the ARRL celebrated its centennial this year, 2015 will be the centennial year for *QST* magazine. First published in December 1915, *QST* is not only the official membership journal of the ARRL, it is also the most widely read Amateur Radio magazine in the world.

QST kicks off its celebration with a photo contest, which was announced in the January 2015 issue as well as online. Winning photos will appear on several *QST* covers throughout 2015 and each winning photographer will receive \$250.

"We're hoping to showcase a number of member photos on 2015 covers," said *QST* Editor in Chief Steve Ford, WB8IMY. "We've also planned a few 'surprise' covers that I think readers will enjoy."

Each 2015 issue of *QST* will also contain articles and columns republished from vintage issues. "The January issue reprinted the special declaration from the January 1942 issue of *QST* concerning the cessation of amateur operations at the start of the US entry into World War II," Ford said. "The statement was originally printed on yellow stock, to make sure readers wouldn't miss it. We duplicated that background color in our version as well."

Vintage articles will be reprinted exactly as they appeared originally. "We chose articles based on either historical relevance or nostalgia value," Ford said. "For instance, we'll be reprinting one of the first *QST* articles to describe the use of transistors in Amateur Radio applications. For the April Fool theme, readers should beware the reappearance of the infamous Larson E. Rapp."

Ford went on to say that observant readers would be finding other treats in 2015 *QST*s. "As space permits, we will be reprinting some vintage

Gil Gildersleeve cartoons. I'd advise readers to also be on the lookout for occasional appearances of the beloved 'Stray' kitties. Long-time *QST* readers will know what I mean." Read [more](#).

From *The ARRL Letter*, December 11, 2014

LoTW TOPS 100 MILLION QSLs

The ARRL's Logbook of The World ([LoTW](#)) online "card-less" contact-confirmation service this week recorded a new milestone -- 100 million QSL records out of some 630 million uploaded contacts. That's an increase of more than 18 million QSL records since the end of last year. First described conceptually in the October 2001 *QST* "It Seems to Us..." editorial, Logbook of The World launched in September 2003. Since then, it has become an accepted Amateur Radio institution -- perhaps not at the same level of traditional QSL cards, but close and gaining. The 100 million contact confirmations, ARRL CEO David Sumner, K1ZZ, pointed out, is the equivalent of 200 million QSL cards.

"If placed end to end, that many QSLs would reach more than 17,000 miles -- not quite all the way around the world, but enough to qualify as a 'long-path' QSO," he quipped. ARRL CEO Harold Kramer, WJ1B, pointed out that using LoTW can mean a considerable saving in postage for DXers and others over the expense of QSL cards.

LoTW was an instant success. Within 2 weeks of its debut, the service already had some 2200 registered users and had confirmed some 51,000 contacts out of more than 8 million uploaded. The number of users today number more than 72,000 -- up by nearly 10,000 this year alone.

Over LoTW's 11-year lifetime, many logging programs have incorporated features to enable them to interface smoothly with LoTW. Several awards programs, starting with the ARRL DX Century Club ([DXCC](#)) award, now rely largely on LoTW to determine whether an applicant has met the award's requirements. It's also made it easier for award seekers to track their progress. LoTW is the only means to confirm ARRL [Centennial QSO Party](#) contacts. The service also supports [VUCC](#), [WAS](#), and [WPX](#). Read [more](#).

From *The ARRL Letter*, December 11, 2014

A GUIDE TO PROPAGATION TOOLS

By Len Kline, WA1PCY

Presentation at 7 January GSARA Meeting

- The poor man's guide to propagation forecasts and observations.
- A description and discussion of propagation terminology.
- What you need to know about the A Index, the K index, the SSN and the SFI. What they mean, where to find them.
- When we are done, you will know how to apply the KISS method for their practical implementation.
- Forecasting: What's a MUF and a LUF and why do I care and tools to assist those that feel the need.
- A summary of available tools and aids covering everything from Government publications, ARRL sources, on-line links, useful web sites and smart phone apps.
- Sources for further serious study and understanding for those that want to do their own analysis and forecasting (Keplerian data, anyone?)
- A bibliography of texts, apps and websites available for further erudition.
- All of this will be available in a file for those requesting it.

RADIO ROOM OPEN SATURDAYS

The GSARA radio room in the back of the Red Cross is open most Saturday afternoons. Simply drive all the way around to the back, where the antennas are located, to the RED DOOR. Your have a choice of ways to gain entry (in order of preference):

1. Call W2GSA on the repeater 147.045
2. Call the telephone 732-493-9100 ext. 1252
3. Ring the doorbell (CW preferred)
4. Bang on the door until someone opens.

Have patience. Do not get discouraged and leave. It sometimes gets pretty busy and noisy in the radio room so keep trying.

OPEN HOUSE AT DIANA SITE

The Ocean-Monmouth Amateur Radio Club would like to invite you to an informal open house for radio amateurs at the N2MO Station at InfoAge on Saturday, January 10th, 2015, starting at 11:00 AM to 3:00 PM.

The N2MO Station occupies a site rich in history:

- On the morning of 10 January, 1946, An experiment was conducted by Lt. Col. John DeWitt, W4ERI; Edwin King Stodola, W2AXO; F. Slacker, W2DMD; Herbert Kaufman, W2OQU; and Jacob Mofensen. A series of radio signals were transmitted, and in each case, the echo was picked up in exactly 2.5 seconds, the time it takes light to travel to the moon and back. We know this experiment as Project Diana.
- In 1959, the US Army Signal Research and Development Laboratory deployed the TLM-18 telemetry antenna. The 18 Meter dish was used as a ground station supporting the TIROS I and TIROS II satellites. The TLM-18 was used by the US Army until the site was decommissioned in the mid 1970's.

InfoAge, OMARC, and our academic partner, Princeton University are restoring the 60' TLM-18 Telemetry antenna system to use for radio astronomy and EME. The project team has restored power to the TLM-18, rebuilt the drive system, and deployed computer controls. Work continues on deployment of upgraded feed lines, new feed horns, and SDR/digital receivers.

More information is on the web at <http://www.n2mo.org>. Please RSVP to diana@n2mo.org

DO YOU HAVE HF GEAR FOR SALE?

With several new members with an interest in starting out on the HF bands, it could be helpful to them and to you to have a listing of HF Radio Gear for Sale.

If you have something to list send me the information in detail with your asking price, with your name call sign email address.

I will send it out and send it also to Cy for the website.

TU John KA2F

QSL CARD CHECKING

Members who have *old fashioned QSL cards* rather than **LotW** (Log Book of the World electronic QSLs) or who have a collection of both QSL Card *and* LotW confirmations need to have their cards verified in order to apply for either a **DXCC** (DX Century Club) or **WAS** (Worked All States) award.

One can send cards to ARRL HQ for verification or have them checked by an ARRL Card Checker in person (by appointment, at a hamfest or by mail).

In NJ card checkers can be found on the ARRL website under DXCC.

These are K2AX in Hammonton; W2YC in Williamstown; W2IRT in West Caldwell; KF2TI in Landing and **KA2F in Eatontown**.

If you have questions regarding the ARRL DXCC and WAS Awards, LotW or QSL Card checking, please contact John KA2F at ka2fwb2hdj@gmail.com, 732-542-1822, or in person at a meeting.

73 de John, KA2F

TEN YEARS AGO

From the January 2005 Propagator: The Holiday party was held at the MARS station at Ft. Monmouth with about 20 attendees. The organizers were Peggy and Rich Struening, KB2USF. Steve Sinkez, W2DOR from Manchester became a silent key on December 28, 2004. The QCWA net was on the W2NJR liked system on Sundays at 8:30 pm as well on the Asbury repeater on Tuesdays at 9:00 pm. CQ magazine celebrated its 60th birthday.

NOTES ON CALENDAR (see last page)

Large Call letters denote birthdays e.g. **WA1PCY** on January 6. All times are EST. Contests are listed in the January QST, p. 88.

Dec. 31-Jan. 1 – **Straight Key Night**, CW from 7 pm Wednesday to 6:59 pm Thursday. See <http://www.arrl.org/straight-key-night>

January 1 - **HCARC meeting** cancelled due to New Year's Day holiday.

Jan. 3-4 – **ARRL RTTY Roundup**, HF from 1 pm Sat. to 6:59 pm Sun. See <http://www.arrl.org/contests>

FIFTEEN YEARS AGO

From the January 2000 Propagator: The FCC announced a massive restructuring of the amateur radio service with only three classes of license (Tech, General and Extra) and a single 5 wpm code test. New GSARA Officers for 2000 were Don Pingitore, KG2NV, President; Mike DePersio, KC2Q, VP; Geoff Bullock, KC2AMA, Secretary; Bonnie Palamara, KB2ZRM, Treasurer; and Bob Gurci, N2XR, Engineer. The January 1, 2000 Roster listed 137 members of GSARA.

TWENTY YEARS AGO

From the January, 1995 Propagator: There was a nasty letter by Frank Effenberger in the Asbury Park Press on December 10 critical of amateur radio. GSARA member Al Allen, K2LG wrote a very good response which was published in the December 23 Asbury Park Press and also in the Propagator. New officers for 1995 were Rich DiFiore, KB2NXA, President; Joe Dreifuss, W2KQ, VP; Dave Worrall, N2IRO (now WD2DW), Treasurer; and Bruce McLeod, K2QXW, Secretary.

TWENTY-FIVE YEARS AGO

From the January 1990 Propagator: The Christmas Party held on December 20 at Bicentennial Hall had 52 in attendance. NNJ SM Rich Moseson, NW2L announced a Helpful Amateur Mentor (HAM) program and the GSARA contact is John King, KA2F. Al Allen, K2LG (SK) had an extensive article about feed lines.

January 4 and every Sunday – **InfoAge Marconi Hotel** open from 1 to 5 pm on Marconi Road in Wall.

January 4 – **Kid's Day**, HF Phone from 1 to 6:59 pm Sunday. See <http://www.arrl.org/kids-day>

January 5 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

January 6 – **Old Barney VE Session** at 6:30 pm in Manahawkin. Contact Urb Le Jeune, W1UL at 609-296-5856 or urb@w2dec.com

January 6 – **Old Barney ARC Meeting** at 7:30 pm in Manahawkin, NJ. See <http://www.obarc.org>

January 6 and every following Tuesday – **GSARA Net** on 147.045 PL=67 at 8:30 pm.

January 6 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

January 7 – **GSARA Meeting** at 7:30 pm. Program is Propagation for Dummies by Len, WA1PCY.

Jan. 8 – **JSARS meeting** in Riverwood Park Rec. Building, Rt. 527 and Riverwood Drive at 7:30 pm.

January 9 - **W1AW Qualifying Run** at 10 pm (10-40 wpm). See www.arrl.org/qualifying-run-schedule

January 10 – **OMARC Meeting** at 9:00 am at the Diana Site on Marconi Road in Wall. Guests welcome.

Jan. 10-11 – **North American QSO Party**, CW from 1 pm Sat. to 0:59 am Sunday. See <http://www.ncjweb.com>

January 12 - **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

January 14 – **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

Jan. 15 – **JSARS VE Test Session** at 7:00 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.

Jan. 17-18 – **North American QSO Party**, SSB from 1 pm Sat. to 0:59 am Sunday. See <http://www.ncjweb.com>

January 19 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

January 21 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Regular business meeting.

January 22 – **W1AW Qualifying Run** at 9 am (10-40 wpm). See <http://www.arrl.org/qualifying-run-schedule>

Jan. 23-25 – **CQ WW 160 Meter Contest**, CW from 5 pm Fri. to 5 pm Sun. See <http://www.cq160.com>

January 24 – **VE Test Session** at 11 am at the Red Cross in Tinton Falls. Contact Rich Bilon, N3RB at 732-972-1397 or e-mail at n3rb@arrl.net

Jan. 24-26 – **ARRL VHF Contest**, all modes from 2 pm Sat. to 6:59 pm Mon. See <http://www.arrl.org/contests>

January 26 - **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

2015 DUES ARE DUE

With the New Year, it's time to pay your dues for 2015. You may pay at any meeting or mail this coupon with payment to our treasurer **John King, KA2F**. Regular membership is \$15. If you wish to have a paper copy of *The Propagator* mailed to you, add \$5 and check this box:

NAME _____ CALL _____

wishes to continue membership in GSARA for 2015. Payment of \$ _____ is enclosed.

Make checks payable to GSARA and mail or give to:

John King, KA2F
18 Carmel Way
Eatontown, NJ 07724

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Happy New Year	2	3 RTTY Rndup
4 RTTY Rndup InfoAge Kid's Day	5 ARES/RACES 7:30	6 WA1PCY OBARC GSARA Net 8:30 QCWA News 9 PM	7 GSARA Mtg.	8 JSARS Mtg.	9 CW Qual. Run	10 OMARC Mtg KC2TKK NA. CW QSO Pty
11 W2XYZ NA CW QSO Pty InfoAge	12 RACES Net 7:30	13 GSARA Net 8:30 QCWA News 9 PM	14 Hol. City VE	15 JSARS VE	16	17 NA SSB QSO Pty
18 KA2VXA NA SSB QSO Pty InfoAge	19 ARES/RACES 7:30	20 GSARA Net 8:30 QCWA News 9 PM	21 GSARA Mtg.	22 CW Qual. Run	23 CQ WW 160 CW	24 GSARA VE 11am CQ WW 160 CW ARRL VHF
25 CQ WW 160 CW ARRL VHF InfoAge	26 ARRL VHF RACES Net 7:30	27 KB2YTM GSARA Net 8:30 QCWA News 9 PM	28	29	30	31



G.S.A.R.A.

8 DONNER STREET

HOLMDEL, NJ 07733

FIRST CLASS