

# THE Propagator

Garden State Amateur Radio Association

8 Donner St.,  
Holmdel, NJ 07733  
Editor: Bob Buus, W2OD  
Design: Cy Stanway, K2CYS



## FROM THE EDITOR

Bob Buus, W2OD

**F**or the past several years, we have had our program meetings on the first Wednesday of each month and the business meeting on the third Wednesday. This was done because the availability of a large meeting room at the Red Cross was more likely at the first meeting of the month. Many of us knew that the Constitution has it the other way around with the business

## Meetings

The next GSARA meeting will be on Wednesday, November 1 at 7:30 PM at the Red Cross. Because of concern that we have not been strictly following the Constitution, we will have the election of officers for 2018 at this meeting as specified by the Constitution. This will then be a regular business meeting. Refreshments will be served.

The second meeting in November will be held on Wednesday, November 15 at 7:30 PM at the Red Cross. This business meeting will have a program. The program will be presented by Paul Newland, AD7I who will talk about a low-cost digital interface that he designed that he designed.

## VE Testing

The GSARA monthly test session will be held at the Red Cross on Saturday, November 28 at 11 am. 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@arri.net](mailto:n3rb@arri.net).

meeting being the first meeting of the month but didn't want to go to the bother of changing the Constitution.

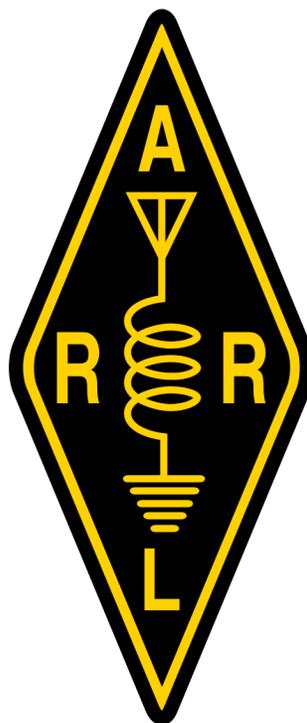
This year, however, some members have complained that by holding the elections on the second meeting in November instead of the first, we are in violation of our Constitution. It was decided by the officers that going forward, we will follow the Constitution. This means having the election of officers on November 1 and the program with Paul, AD7I moved to the November 15 meeting. Fortunately, Paul was able to make this change and we can adhere to the Constitution from now on. I hope this doesn't affect the turnout for the election.

I was pleased to learn that Tom, N2VFK had enough volunteers to help with communications on the last two Public Service events of the year – the Juvenile Diabetes walk on October 8 and the CROP walk on October 15. Hats off to all those who volunteered to help out. I was particularly pleased to see that most of the volunteers were from GSARA. Thanks for helping GSARA be a service to these charitable events!

GSARA continues to grow. We now have 103 members on the Roster. Of course, we can only maintain this high number of members if everyone renews his or her dues for 2018 which will be due on January 1, 2018. If you have not paid by the March meetings next year, you will be dropped from the Roster. Let's not let that happen!

As always, I appreciate feedback or material for The Propagator. The deadline for the December issue is November 15.

## ARRL Links of Interest



From ARRL Letter  
October 5 In Brief  
[Revised ARRL  
Frequency Chart  
Now Available](#)

From ARRL Letter  
October 12  
[ARRL Foundation  
Accepting  
Scholarship  
Applications](#)

From ARRL Letter  
October 19  
[New Ham Bands  
Spring to Life;  
Veteran LF](#)

[Experimenter Denied Access to 2200  
Meters](#)

### Did you know?

Did you know that GSARA has something of a 'chaplaincy' program? Cy Stanway, K2CYS is a full-time rabbi at Temple Beth Miriam in Elberon and will outreach to any member of the GSARA and their family who are ill or who have had a wonderful family or personal event. Simply email Cy at [k2cys@arrl.net](mailto:k2cys@arrl.net) to let him know.



## CONTEST STATION OF GARY, WB2RPW

By Bob Buus, W2OD

Our own Gary Metzger, WB2RPW is operating a contest-grade station from his apartment in Eatontown with severe antenna restrictions. How does he do it? Keep reading.

Former GSARA member Jack Comer, N8BI (formerly WA2EDD) moved to Ohio and has set up an impressive contest station with an extensive antenna farm. For 40 meters, he has two stacked four-element beams at 67 feet. The 20 meter antenna has two phased 5-element beams with the lower one at 60 feet and the upper at 96 feet. For 15 meters, it is a stacked pair of 6-element beams. He also has phased verticals for 80 meters. In summary, he has an antenna farm to die for!



Recently, Jack purchased a Flex Radio 6300 which is a software defined radio that is easily controlled by a computer. The computer can connect to the radio through an internet connection which permits operating the station from wherever internet is available. Flex Radio went a step further and came out with a controller for their radios called the Maestro so a computer isn't even required. By connecting the Maestro to the internet, full remote control of the radio is possible.

So, Gary has a Maestro in his Eatontown apartment with a key (for CW) or microphone (for SSB) plugged into the Maestro and the Maestro connected to the internet. He currently can operate the station on either 40 or 20 meters with the stacked beam antennas. The 90 watts from the Flex-6300 puts out a formidable signal!

Future plans include adding additional antenna switching and control to access other bands and control the rotators for each array. A 500 watt solid state amplifier has also been purchased and controls will be added to switch in the amplifier when it might become necessary.

As far as I know, Gary is the first GSARA member to operate exclusively by remote control through the internet. This technology has obvious advantages to those living in restricted antenna communities. I'm sure that we'll see more of this kind of operation in the years to come.



# WELCOME TO GSARA

**P**lease welcome the following members to GSARA:

Welcome Jay Armbrust, KD2NYL from Oakhurst. Jay recently upgraded from Technician to General and is on 2 meters and 70 cm with a Baofeng UV-5. He is a marketing consultant and specializes in design, photo and print (QSL cards?). Other interests include Photography, Electronics, Astronomy, Weather, DIY making stuff. Please add to your Roster:

Jay Armbrust, KD2NYL  
429 Redmond Ave.  
Oakhurst, NJ 07755  
732-768-3699 [kd2nyl@yahoo.com](mailto:kd2nyl@yahoo.com)

Welcome Harry Zuzuro, KD2EJW from Point Pleasant. Licensed since 2014, Harry holds an Extra class license. He is active on all bands with a variety of equipment. He has been with the USPS for 38 years. Other interests include Yoga, Music, Natural Foods, Finances, and Photography. Please add to your Roster:

Harry Zuzuro, KD2EJW  
1119 Gowdy Ave.  
Point Pleasant, NJ 08742  
732-899-7824 [hzuzuro@aol.com](mailto:hzuzuro@aol.com)

Welcome Steve Olson, W2WX from Bradley Beach. Licensed since 1960, Steve holds an Extra class license. He is currently on 2 meters but planning on going QRP with a Yaesu FT-817. He is a Directory of Religious Education and also interested in photography. Please add to your Roster:

Steve Olson, W2WX  
208 4<sup>th</sup> Ave., Apt. B  
Bradley Beach, NJ 07720  
732-977-5172 [w2wx@arrl.net](mailto:w2wx@arrl.net)

A warm Welcome to all!

HOWDY!



# MINUTES OF THE GSARA MEETINGS

## MINUTES OF OCTOBER 4 MEETING

By Bob Buus, W2OD, Secretary

**P**resident Howard Suffill, W2HTS was a little late so Rich, N2SMV reviewed the plans for the upcoming SET on October 7. He asked as many as possible to participate. When Howard, W2HTS arrived, he called the meeting to order at 7:40 pm. There were 24 members and one guest present. The guest was Harry Zuzuro, KD2EJW from Point Pleasant. After the pledge to the flag, all present introduced themselves. Howard, W2HYS continues his activity using FT-8. John, KA2F reminded everyone to get their reservations in for the Ham of the Year Luncheon on October 28. Art, N2AJO has been monitoring and relaying when necessary the SATERN net on 14,265. He also completed his 630 meter transceiver and has applied for permission to use the band.

### Health and Welfare

Bob, W2OD sadly reported on two silent keys. Longtime GSARA member Bruce McLeod, K2QXW died on September 29 after a valiant fight with lung cancer. He was 89 and joined GSARA when he retired in 1991. He served as Secretary in 1994 and 1995 and as Treasurer in 2012 through 2014. He held an Extra class license and operated many GSARA field days in the wee hours of Sunday morning on CW. He was also a participant in the annual Telephone Pioneers QSO Parties and the annual CQ Western Electric contests. He is sur-

vived by his wife, three sons and a daughter as well as four grandchildren. Guy Little, WA2EEO from Ocean Township passed away on September 29 at the age of 65. He was not a GSARA member but held a General class license. He is survived by his wife Nancy Lewis. His life was celebrated on Friday, October 6 at 5:30 pm at the American Legion Post #346 in Neptune.

A moment of silence was observed for these two silent keys.

### Old Business

Bob, W2OD reported that he has heard from two members who receive the paper copy of the Propagator and they expressed a strong desire to continue receiving their paper copy.

Howard, W2HTS reviewed the GSARA activity at the Sea Girt lighthouse on August 19. He suggested that a donation of \$100 be made to the Sea Girt Lighthouse Society. A motion was made by Diana, KD2NAD and seconded by Art, N2AJO to donate \$100 to the Lighthouse. The mo-





tion passed unani-  
mously.

#### New Members

An application  
for membership  
was received  
from Jay Ambrust,  
KD2NYL from

Oakhurst. Jay recently

up-graded to General and is  
active on 2 meters and 70 cm FM. He's a  
Marketing Consultant who can design and  
print QSL cards. He' also interested in Pho-  
tography, Electronics, Astronomy, Weather  
and Making Stuff.

An application for membership was received  
from Harry Zuzuro, KD2EJW from Point  
Pleasant. Licensed since 2013, he currently  
holds an Extra class license. He is active on  
all bands and modes. Other hobbies include  
Yoga, Music, Natural Foods, Financial Markets  
and Photography.

A motion was made by Marty, N2BMK and  
seconded by Chris, W2NQB to accept the  
above two members as active members of  
the GSARA. The motion passed unanimously.

#### Announcement

Chris, W2NQB; Denis, K2NPT; and Chris,  
KD2OBV Joined Phil, N2EDX as Phil used his  
portable set-up to make contacts through the  
satellites.

The Juvenile Diabetes walk is Sunday, Octo-  
ber 8 and Tom, N2VFK is still looking for an  
additional volunteer.

The CROP walk in Red Bank is Sunday,

October 15 in the afternoon and Tom, N2VFK  
is looking for more volunteers to help with  
the radio communication.

#### Program

Joe, WA2SFF gave a very interesting presen-  
tation about a 50-2000 MHz scanner ra-  
dio he built using a USB Dongle Software  
Defined Radio and a Raspberry Pi controlled  
by a touch screen. The radio has no knobs  
or switches as it is entirely controlled by the  
touch screen. He offered to help get anyone  
on board who is interested in playing with this  
technology.

#### Close

The door prize of \$22.50 was won by Denis,  
K2NPT. There being no further business, a  
motion was made by Rem, K2REM to adjourn  
the meeting which was closed at 8:43 pm.

## **MINUTES OF OCTOBER 18 MEETING**

By Bob Buus, W2OD, Secretary

The meeting was called to order by President  
Howard Suffill, W2HTS at 7:36 pm. There  
were 22 members and one guest present.  
The guest was George Wilner, K2ONP from  
Wall. After the pledge to the flag, all present  
introduced themselves. Gary, WB2RPW is  
operating a remote station in Ohio through a  
Maestro controller and it is working very well.

#### New Member

An application for membership with pay-  
ment of \$10 was received from Steve Olson,  
W2WX from Bradley Beach. Steve has been  
licensed since 1960 and holds an Extra clas



license. He is currently active on 2 meter FM but is planning on going QRP on the HF bands with a Yaesu FT=817. A member of ARRL, Steve is a Director of Religious Education and interested in photography. A motion was made by Ted, N2KPS and seconded by Tom, N2VFK to accept Steve as an active member of GSARA. The motion passed unanimously.

#### Secretary's Report

A motion was made by Tom, N2VFK and seconded by Hunter to accept the minutes of the October 4 meeting as they will be published in the November Propagator. The motion passed unanimously.

#### Treasurer's Report

Treasurer John, KA2F gave the Treasurer's report. A motion was made by Art, W2NAZ and seconded by Tom, N2VFK to accept the report as read. The motion passed unanimously.

#### Old Business

John, KA2F reported that the GSARA Ham of the Year Luncheon is coming up on Saturday, October 28 at Zachary's Restaurant in West Long Branch. He made a motion seconded by Tom, N2VFK to authorize up to \$200 to cover added expenses and beverages for the luncheon. The motion passed unanimously.

#### Public Service

Tom, N2VFK reported that GSARA participated in the last two Public Service events for this year. The JDRF walk in Avon on October 8 had John, KC2YWL at the beginning/end, Jeff, WB2MMR was at the turn around point and Tom,

N2VFK walked and swept the tail end. The CROP walk in Red Bank on October 15 worked out well and all of the rest stops were staffed as were the SAG vehicles. A big THANK YOU to all who participated.

#### New Business

Cy, K2CYS has proposed designing a card that could be sent to all new members (or newly licensed amateurs). A motion was made by Diana, KD2NAD and seconded by Ted, N2KPS to authorize up to \$75 to cover the expense of such a card. The motion passed unanimously. John, KA2F pointed out that GSARA would need the names and mailing information of all who pass the exams at our VE sessions.

A motion was made by Art, N2AJO and seconded by Diana, KD2NAD to delete Article V, Section 1, Paragraph D of the Constitution. This will eliminate the dues break for those joining after June 30 each year whereby they paid only half of the annual dues. Howard, W2HTS asked for the vote by a show of hands and 12 members voted for the change, 7 voted against the change, and 3 members abstained. The motion carried by a majority vote. After the meeting, however, it was discovered that changes to the Constitution require approval of 2/3 of the members present. Since there were 22 members present, the 2/3 majority of 15 was not reached so the Constitution will not be changed.

#### Nominating Committee

The nominating committee consisting of Art, N2AJO, John, KC2YWL, and Denis, K2NPT reported that they came up with the following slate of officers for 2018:



**President: Howard Suffill, W2HTS**  
**Vice President: Rem Hunnewell, K2REM**  
**Secretary: Bob Buus, W2OD**  
**Treasurer: John Chunga, KC2YWL**  
**Engineer: Arek Tarniowy, K2KP**

Per the Constitution, the floor will be opened for other nominations at the first meeting in November and then the election will take place at that meeting.

### Announcements

John, KA2F announced that GSARA caps and patches are available for purchase by members. If there are any changes to any of the Roster information, especially your e-mail address, please notify Bob, W2OD.

### Close

The door prize of \$217 was won by Jim, K2EI. There being no further business, a motion was made by Tom, N2VFK to adjourn the meeting which was closed at 8:21 pm.



## **GUGLIELMO MARCONI – EARLY YEARS**

By Bob Buus, W2OD

Marconi's father, Giuseppe Marconi was a widower whose first wife died after 3 years of marriage leaving him with a 2-year old child. Marconi's mother, Annie Jameson was the youngest of four daughters of distiller Andrew Jameson. Annie had musical talent so was sent to study at the conservatory in Bologna, Italy, in the early 1860s. Annie became friends with Giuseppe's in-laws who were helping to raise Giuseppe's child. Annie and Giuseppe met and fell in love. When Giuseppe asked for Annie's hand in marriage, he was abruptly turned down for being a "foreigner" and a Catholic (Annie's family was Protestant Irish). So, the two of them eloped and were married on April 16, 1864.

On November 22, 1865, Marconi's older brother Alfonso was born and Marconi came along on April 25, 1874. Marconi was the baby in the family with a brother 8 ½ years older than him and a half-brother 18 ½ years older than him. Annie called Gugliel-



mo il Bimbo (the baby) until he was well into his teens. The Marconi's ran a bilingual house so both Alfonso and Guglielmo were fluent in both Italian and English. Annie also taught Guglielmo to play the piano and he became very good at it. Playing piano provided a source of relaxation for the rest of Guglielmo's life.

Although the official Marconi residence was at Villa Griffone (outside Bologna) which Giuseppe had inherited from his father, Annie found it cold and drafty in the winters so moved with the boys to Bedford, England from 1875 to 1880. In 1882, the family spent time in Florence until 1885 when they wintered in Livorno, Italy (Leghorn in English). With all of this moving, Guglielmo's education was spotty at best and he wasn't particularly interested in most school subjects. While in Livorno, Guglielmo befriended a blind telegrapher named Nello Marchetti who taught Marconi the Continental Morse code and exposed him to telegraphy apparatus. By the time he was about 17, Marconi had developed an obsessive interest in electricity and his experiments occupied him to the exclusion of all other activities.

At the beginning of 1894, Heinrich Hertz died and his obituary appeared in an Italian magazine with a summary of his experiments. Marconi read this article and immediately built the Hertz apparatus and started experimenting. By the end of the year, he had improved the sensitivity of the coherer so he could make a bell ring wirelessly over a distance of 30 ft. In 1895, he moved his experiments outside and enhanced his distance by grounding one side of what we now call an antenna and found that increasing the height of the antenna increased the distance. By September, he could send a wireless telegraph signal for a mile wirelessly. Because there was an intervening hill in that 1-mile path, Marconi thought (erroneously) that the radio wave either followed the surface of the earth or went directly through the earth. He realized that further improvements would be costly so offered his invention to the Italian government who rejected it.

At the end of the year, the family decided that they might have a better chance of further support of Guglielmo's work in England where Annie's Jameson family had many business connections. So, on February 2, 1896, Annie and her son Guglielmo set off for London via Paris and Calais. He was 21 year old.

So Now You Know



We have GSARA patches available at all meetings and they are \$3. Show your GSARA pride!



## GSARA in support of the Juvenile Diabetes Walk



GSARA members participating in communications support for the Juvenile Diabetes Walk in Avon on October 8. Pictured is Tom, N2VFK and John, KC2YWL at the walk. The photo is by Mike Breslin, AC2MB. Great job, guys!

## Operating Satellites on a Sunday morning



It was cold outside but the satellite action was HOT! Phil Festa demonstrated his techniques for making QSOs with a hand-held antenna and a portable radio last months on a cold but sunny Sunday morning. Several QSOs were made with a couple of different birds and a good time was had by all. Want more information on operating satellites? Ask Phil! He knows of what he speaks!





Longtime GSARA member Bruce A. McLeod, K2QXW, formerly of Pepperell, MA and Summit, NJ, a 51 year resident of Holmdel, NJ, passed away on Thursday, September 28 at home,

surrounded by his family. He was 89 and a 1954 graduate of Northeastern University.

He was considered a World War II veteran although he entered the US Army Air Corps near the very end of the war. He served in both the US Army and the US Air Force as a radio operator, and continued radio as a hobby for more than 60 years in amateur radio where he held the call letters K2QXW. From 1968 to 1980, he was active in the Boy Scouts and served for a few years as Scoutmaster of Holmdel Troop 531 and later Troop 331.

Bruce joined the technical staff of Bell Telephone Laboratories as an electrical engineer in 1954. He worked on the development of a system named TASI (Time-Assignment Speech Interpolation), which doubled the capacity of submarine telephone cables then in existence.

He also worked on the development of Telstar, a communications satellite that was launched on July 10, 1962. It successfully relayed through space the first television pictures, telephone calls, and telegraph images, and provided the first live broadcast television feed. Telstar 2 launched on May 7, 1963. Though they are no

longer functional, they still orbit the earth. He transferred to Bell Communications Research in 1983, retiring in 1991.

After retirement, Bruce joined the GSARA in 1991 and served as Secretary in 1994 and 1995. He later served as Treasurer from 2012 through 2014. Almost every year, he participated in the CQ Western Electric contest and the Telephone Pioneers QSO Party. He also operated CW for GSARA Field Day during the wee hours of Sunday mornings.

Bruce was a loving and beloved husband, father, and grandfather. Surviving are his loving wife of 61 years, Lucille; a daughter Marie and her husband Scott; and three sons, Paul, Robert and his wife Teri, and Bruce and his wife Lara; and four grandchildren Patrick, Kimberly, Maggie and Liam.

#### GUY A. LITTLE, WA2EEO - SK

Guy A. Little "Spook", WA2EEO from Ocean Township passed away Sept 29, 2017.

Guy attended Monmouth College, worked for City of Long Branch, as an Animal Control Officer/Cruelty Investigator. He also was Commercial Lobsterman.

He was an avid Hunter, General class Ham Radio Operator with the call WA2EEO, and Trained bladesmith. He participated in Revolutionary War Reenactments. Guy spent his time out in nature, fishing, kayaking, and smoking cigars.

He is survived by his wife Nancy Lewis.

Guy's life was celebrated on October 6th at the American Legion Post #346 in Neptune. May he rest in peace.



## **FIVE YEARS AGO**

From the November 2012 Propagator: The November 3 meeting was cancelled due to Sandy tying up our meeting facilities at the Red Cross. Cy Stanway, VE3IFS (now K2CYS) and Ned Meyer, KC2HCY joined GSARA. Bob McLaughlin, K2SAU became a silent key.

## **TEN YEARS AGO**

From the November 2007 Propagator: David Lien, W6OVP transferred the www.QST.org URL to the ARRL. A list of 10 operating practices for radio amateurs was published by Riley Hollingsworth. Fort Monmouth is having an open house on November 7 and asked us to open and operate the MARS station.

## **FIFTEEN YEARS AGO**

A Monmouth County Local Interference Committee was formed and is chaired by Steve Hajducek, N2CKH. GSARA is having its annual Dinner-Dance at the English Manor in Ocean Township on December 30. Cost is \$30 but GSARA members pay only \$20 and spouses only \$25. ARRL Audio News is 5 years old (now 30 years old).

## **TWENTY YEARS AGO**

From the November 1997 Propagator: GSARA operated special event station W2GSA at Twin Lights to commemorate 50 years since its founding. Phil Petersen, W2DME-SK was made a Fellow of the Radio Club of America. Field Day results were published in QST and GSARA was 14<sup>th</sup> out of 366 listed in 3A category with a score of 7,712 points.

## **TWENTY-FIVE YEARS AGO**

From the November 1992 Propagator: OMARC is offering GSARA members an Associate Membership in OMARC for only \$10 a year. Gary Metzger, WB2RPW attended our October 7 meeting as a guest. A “mountain top” trip to Bear Mountain has been arranged for November 7. We worked the Asbury Park repeater from there using an HT and a 5 element beam antenna. Marv Bernstein, W2PAT and his son, Ralph (now WC2WAD) gave a video presentation about the erection of the 500 foot tower at the UPS site in Ocean. There were 3 pages of equipment for sale!

## **THIRTY YEARS AGO**

From the November 1987 Propagator: The 8<sup>th</sup> year of operating a special event station from Treasure Island was successful as reported by Harry, KN2B. John Magliacane, KD2BD had a nice article about the amateur satellites. ARRL has introduced a “We The People Worked All States” award to celebrate the bicentennial of the U.S. Constitution.



## GSARA OFFICERS

President W2HTS, Howard Suffill 732-460-1885

[w2hts@arrl.net](mailto:w2hts@arrl.net)

Vice Pres. K2REM, Rem Hunnewell 732-889-6692

[rh@thetraindoctor.com](mailto:rh@thetraindoctor.com)

Secretary W2OD, Bob Buus 732-946-8615

[w2od@arrl.net](mailto:w2od@arrl.net)

Treasurer KA2F, John King 732-542-1822

[ka2fwb2hdj@gmail.com](mailto:ka2fwb2hdj@gmail.com)

Engineer K2KP, Arek Tarniowy 201-370-2537

[tarniowy@yahoo.com](mailto:tarniowy@yahoo.com)

Radio Room Phone, 732-493-9100, X1252

### Trustees

W2KQ Joe Dreifuss 732-493-4236

[jdreifuss@optimum.net](mailto:jdreifuss@optimum.net)

W2OD Bob Buus, 732-946-8615

[w2od@arrl.net](mailto:w2od@arrl.net)

W2HAM Lou Russo, 732-842-6431

[russo62@verizon.net](mailto:russo62@verizon.net)

Richard Bilon, N3RB, VE Coordinator 732-972-

[13974332lee@gmail.com](mailto:13974332lee@gmail.com)

Propagator Editor: Bob Buus [w2od@aol.com](mailto:w2od@aol.com)

Webmaster & Propagator Publisher K2CYS, Cy

Stanway 732-768-7773 [k2cys@arrl.net](mailto:k2cys@arrl.net)

[www.gsara.club](http://www.gsara.club)

[www.w2gsa.org](http://www.w2gsa.org)

## GSARA NET

The GSARA weekly net meets each Tuesday evening at 8:30 on the GSARA repeater. Everyone is welcome to hear news of upcoming club events and activities, reports of the latest club news and everyone can share what they have been up to. Please join us.

The following 20 members checked into this net (number of check-ins in parenthesis):

AC2MB (4), W2MJP (4), KD2OBV (4), W2OD (4), N2HGI (3), AD7I (3), K2NPT (3), KD2NYL (3), KC2YNL (3), N2AJO (2), N2BMK (2), KD2EJW (2), KB2MAB (2), K2CYS (1), KD2EPA (1), KA2F (1), W2HTS (1), N2JNG (1), WB2RPW (1) and W2ZIM (1).

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

Mark your calendar so you remember to participate.

The more participation, the more fun!

*We are on Facebook!*

*'Like' us! GARDENSTATEARA*





## 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). Either John, KA2F or Len, WA1PCY 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?

## PRESENTATION BY PAUL, AD7I - DON'T MISS THIS ONE

At our meeting on November 15th, new member Paul Newland, AD7I, will present some highlights about his low-cost sound card interface for digital modes that is scheduled to appear in QST in 2018. The interface was designed primarily for classic radios running FLdigi, but it also works with FT8 on WSJT-X and should work on almost any other digital sound card program that does not use complex high speed modulation. Come to the November 1 meeting and hear about this low-cost replacement for the Signalink before it hits the pages of QST. Refreshments will be served.

Paul, AD7I was first licensed as a Novice in 1971 at age 15. Shortly thereafter he became instantly fascinated with RTTY when shown a friend of a friend's 80 meter RTTY AutoStart system in operation. In the mid-80s he developed his own microcomputer based AMTOR system and was part of the team that developed the TAPR TNC-2 packet radio controller. Professionally, Paul earned a BSEL from Cal Poly San Luis Obispo and a MSE-ECE from the University of Michigan Ann Arbor, and is licensed as a Professional Engineer by the State of New Jersey. Most of Paul's career was spent at Bell Laboratories designing systems and circuits for communications equipment. Paul is an ARRL Life Member and a former ARRL Technical Advisor.

Don't miss this interesting talk.

## GSARA BLUE SWAN DINER INFORMAL GET TOGETHER

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 back left corner of the diner. (Please be aware that each person is responsible for the cost of their own meal). This is a fun time to catch up and share stories.



## NOTES ON CALENDAR (see next page)

Large Call letters denote birthdays e.g. **W2UTR** November 3. All times before November 5 are EDST, all times after are EST. Contests are listed in the November QST, p. 93.

November 1 - **WIAW Qualifying Run** at 9 am (10-35 wpm). See November 2017 QST page 103 and [www.arrl.org/qualifying-run-schedule](http://www.arrl.org/qualifying-run-schedule)

November 1 – **GSARA Business Meeting** at 7:30 pm at the Red Cross. We will be open to nominations from the floor prior to having the election of officers for 2018. Come and vote! Refreshments will be served.

November 2 - **HCARC Meeting** 7 pm at Holiday City South Clubhouse in Toms River.

November 3 and every Friday – **Lunch at the Blue Swan Diner** in Ocean at noon. Table at back left.

November 4-5 – **ARRL Sweepstakes Contest, CW** from 5 pm Saturday to 10 pm Sunday. See <http://www.arrl.org/sweepstakes>

November 6 - **Monmouth County ARES/RACES Net** meets on 147.045 +600, PL=67.0 at 8:00 pm

November 7 – **Old Barney VE Test Session** at 6:30 pm in Manahawkin. Contact Urb Le Jeune, WIUL at 609-296-5856 or [urb@w2dec.com](mailto:urb@w2dec.com)

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

November 7 and every following Tuesday – **GSARA Net** on 147.045 PL=67 at 8:30 pm.

November 7 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

November 8– **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](mailto:lpuccio1@comcast.net)

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

November 11 – **OMARC Meeting** at 9:00 am at the Firehouse on 600 Sixth Ave. in Spring Lake Heights. Guests are always welcome.

November 11-12 – **CQ Western Electric Contest, all modes** from 2 pm Saturday to midnight Sunday. See <http://cqwe.cboh.org>

November 15 - **WIAW Qualifying Run** at 7 pm (10-35 wpm). See November 2017 QST page 103 and <http://www.arrl.org/qualifying-run-schedule>

November 15 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. The program will feature Paul Newland, AD7I who will describe his digital interface that goes between the computer USB interface and the audio input and output of your transceiver. Refreshments will be served and guests are welcome.

November 16 – **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](mailto:wa2nda@comcast.net).

November 18-19 – **ARRL Sweepstakes Contest, SSB** from 4 pm Saturday to 10 pm Sunday. See <http://www.arrl.org/sweepstakes>

November 20 - **Monmouth County ARES/RACES Net** meets on 147.045 +600, PL=67.0 at 8:00 pm

November 23 – **Thanksgiving Holiday – Enjoy!**

November 24-26 – **CQ WorldWide DX Contest, CW** from 7 pm Friday to 6:59 pm Sunday. See <http://www.cqww.com/rules.htm>



# NOVEMBER 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			<b>1</b> CW Qual. Run GSARA Mtg	<b>2</b> HCARC Mtg	<b>3</b> <b>W2UTR</b> Blue Swan lunch	<b>4</b> <b>N2JNG</b> CW Sweepstakes
<b>5</b> CW Sweepstakes	<b>6</b> ARES/RACES 8 pm	<b>7</b> <b>N2CUG</b> <b>W2OKM</b> <b>K2SOG</b> Old Barney ARC GSARA Net 8:30 QCWA News 9 PM	<b>8</b> <b>KG2NV</b>  Hol. City VE	<b>9</b>  JSARS Mtg	<b>10</b>  Blue Swan lunch	<b>11</b> OMARC Mtg CQ-WE
<b>12</b>  CQ-WESSB Sweepstakes	<b>13</b>	<b>14</b>  GSARA Net 8:30 QCWA News 9 PM	<b>15</b>  CW Qual. Run GSARA Mtg	<b>16</b> <b>KB2USF</b>  JSARS VE.	<b>17</b>  Blue Swan lunch	<b>18</b>  <b>W2TBD</b> SSB Sweepstakes
<b>19</b>  SSB Sweepstakes	<b>20</b> ARES/RACES 8 pm	<b>21</b> GSARA Net 8:30 QCWA News 9 PM	<b>22</b>	<b>23</b> <b>Thanksgiving</b>	<b>24</b>  Blue Swan lunch CQ WW DX CW	<b>25</b> <b>KD2OBV</b> <b>KC2VIN</b> GSARA VE CQ WW DX CW
<b>26</b> <b>W2KQ</b> CQ WW DX CW	<b>27</b>	<b>28</b>  GSARA Net 8:30 QCWA News 9 PM	<b>29</b>	<b>30</b>		



G.S.A.R.A.  
8 DONNER STREET  
HOLMDEL, NJ 07733

First Class