



THE PROPAGATOR

Holmdel, NJ 07733
Editor: Bob Buus, W2OD

FEBRUARY 2014

UPCOMING GSARA MEETINGS

The first GSARA meeting for February will be held on **Wednesday, February 5 at 7:30 PM** at the Red Cross. The program for this meeting is "Ham Radio--Laughing Matter" by our President John King, KA2F. This audio-visual program will feature a selection of themes from Gil's QST cartoons that have proved true and accurate with local hams.

The second meeting in February will be held on **Wednesday, February 19 at 7:30 PM** at the Red Cross. This will be a regular business meeting. As always, refreshments will be served and guests are always welcome.

GSARA NET 8:30 PM TUESDAYS

Did you know that there is a get-together of GSARA members on the Asbury Park repeater every Tuesday at 8:30 pm? In the four sessions in January, we have had 16 check-ins for an average of 4 per session. Surely we can do better than that in February! The following 8 members checked into this net at least once (number of check-ins in parenthesis):

N2HGI (4), W2OD (4), KD2EPA (2), WA1PCY (2), KA2F (1), N2GT (1), N2LXM (1), and KC2YNL (1).

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

GSARA E-MAIL ADDRESS

Although our old e-mail address still works, we have arranged with the ARRL to forward any mail to w2gsa@arrl.net to us. Many of you will find this easier to remember.

VE TEST SESSION FEBRUARY 22

The GSARA monthly test session will be held on Saturday, February 22 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@aol.com.

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. You have a choice of ways to gain entry (in order of preference):

1. Call W2GSA on the repeater 147.045 (p167)
2. Call on the telephone 732-493-9100 ext. 1252
3. Ring the door bell (CW preferred)
4. Bang on the door until either someone opens or your fist gets sore.

Hopefully, someone will let you in where you can operate or kibitz with others as you choose.

GSARA HOMEPAGE

<http://www.gardenstateara.org>

HUDSON DIVISION HOME PAGE

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

GSARA OFFICERS

President	KA2F	John King	942-7705
Vice Pres.	W2HTS	Howard Suffill	460-1885
Secretary	W2OD	Bob Buus	946-8615
Treasurer	K2QXW	Bruce McLeod	946-4368
Engineer	W2EPD	George Graulich	255-7916
Webmaster	KE2V	Vince Rosati	229-3283
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

DX MEETINGS UP IN THE AIR

The DX meetings on the last Monday of each month have become a bit sporadic due to lack of interest. If you would like to meet, please contact Joe, W2KQ to find if the meeting will take place and whether it will be at the Red Cross or at the Blue Swan Diner. The last Monday of February is on the 24th.

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.

EDITOR'S NOTES

Recruiting new members at the VE test sessions has already born fruit with two new members joining after the January 11 session (see page 4). Congratulations to the new members and let's all give them a warm welcome when they come to our meetings.

John also has an article about recruiting new members on page 4 that I encourage all of you to read. With a little effort, we should be able to meet the goal that John has set.

I would also like to extend congratulations to the newest members of our VE team (see page 8). By having more qualified VE members, it takes the load off all of the VEs since they need not be at every session.

If many of the articles in this issue by John, KA2F seem familiar to you, it is because they were sent out via e-mail during January. I feel that they should also be in the Propagator for the benefit of those members who do not have e-mail and also to provide an archive for future reference. I didn't have room for the article about Bud Waite, W2ZK so that will wait until the next Propagator.

John, KA2F and I had a very interesting visit with Rusty Schmid, K2LL and we were both impressed with his continuing interest in new technologies. He will be 105 this June and his mind is very sharp and active. Licensed since 1931, Rusty is the only person I know who obtained the original Extra First Class amateur license in the 1930s. I'll have a write-up about our visit in the March Propagator since I didn't have room this time.

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 March issue is February 15. 73 de Bob, w2od@arrl.net

MINUTES OF JANUARY 15 MEETING

By Bob Buus, W2OD, Secretary

President John King, KA2F was absent so the meeting was called to order by Vice President Howard, W2HTS at 7:34 PM at the Red Cross. There were 13 members and 3 guests present. Guests were Bob Boule, W2OKM, our speaker from Middletown; Pat Egan, NR2N from Freehold; and Harry Zuzuro, KD2EJW from Point Pleasant. After the pledge to the flag, all present introduced themselves.

Health and Welfare

A get-well card was circulated for signatures to be sent to Bill Shockley, NJ2H who underwent knee surgery. Bill attended the meeting so the card was given to him directly. Another card was circulated for signatures to be sent to Paul Strongoli, KD2CQT who was home recovering.

Bob, W2OD reported that he had just learned that Sid Deitz, W2FDE became a silent key at age 82 on November 21, 2013. Sid was active in Delaware Valley Chapter 5 and Marconi Chapter 138 of the QCWA as well as a long time member of the Delaware Valley Radio Association. He lived in Hamilton and retired from the Naval Air Propulsion Center in West Trenton. May he rest in peace.

Secretary's Report

A QSL card was received for a Field Day contact. This was forwarded to Howard, W2HTS who will answer it.

A motion was made by Jeff, N2LXM and seconded by Tom, N2VFK to accept the secretary's report from the last meeting as was published in the January Propagator. The motion passed unanimously.

Treasurer's Report

The treasurer's report was presented by Treasurer Bruce, K2QXW. A motion was made to accept the report and it passed unanimously.

Bruce mentioned that only 22 members have renewed their dues for 2014 and 35 have yet to pay.

VE Program

Rich, N3RB reported that the January 11 VE test session went well with 3 new amateurs passing their Tech exam and one General upgrading to Extra class. As agreed previously, each new amateur was invited to join GSARA at no charge for the first year.

Rich also announced that from now on, the GSARA VE sessions will be on the Fourth Saturday of each month with the next one on January 25. He asked for VEs to help at this next session and Mike, K1MH; Len, WA1PCY; Bill, NJ2H and Jeff, N2LXM all volunteered.

New Members

An application for membership was received from Bob Bailey from Clarksburg. Bob passed his Technician exam on January 11 and is awaiting his call letters. By unanimous vote, Bob was made an active member of the GSARA.

An application for membership was also received from Joe Colon from Freehold. Joe passed his Technician exam on January 11 and is awaiting his call letters. By unanimous vote, Joe was made an active member of the GSARA.

Announcements

Jeff, N2LXM announced that the vintage computer group (MARCH) will be holding a computer festival at the InfoAge Learning Center on April 4-6. There are a lot of attendees at this annual event and it would be a good place to distribute GSARA applications. Anyone wishing to help would be welcomed.

Howard, W2HTS announced that the W2GSA digital station is up and operating. This is an excellent opportunity to try out PSK31 or any of the other digital modes. We also have EchoLink operating on the repeater (George, K2EPD readjusted the volume settings) and a packet node W2GSA-2 on 145.05 MHz.

Program

Our guest speaker was Bob Boule, W2OKM from Middletown. Bob was licensed in 1941 with his present call letters and was actively on the air up until the shut-down after Pearl Harbor. He was drafted into the Army shortly after graduating from High School and served in the Army Air Corps in New Guinea during World War II. He

flew many dangerous missions and was the first plane to land in Japan before the Japanese surrender.

After the war, Bob started chasing DX in earnest. He not only has all 340 current countries confirmed, but has a lifetime total of 394 countries confirmed. Only one other amateur in the world (4X4DK) has that many countries confirmed. Bob uses DX Summit as his spotting program and tries to get on the air and work some DX almost every day. His preferred mode is CW but he will work phone if the DX is on phone.

Bob is retired from Fort Monmouth and is blessed with reasonably good health for his 88 years. He regularly attends the luncheon at noon on the first Tuesday of each month at the Middletown Pancake House.

Close

The door prize of \$16 was won by Bill, NJ2H. There being no further business, a motion was made by Jeff, N2LXM and seconded by Tom, N2VFK to close the meeting which was adjourned at 8:54 pm.

WELCOME NEW MEMBERS

Please welcome Bob Bailey, KD2FLI to the GSARA. Bob passed his Tech exam at the January 11 VE test session and is retired from the fire protection field. Please add to your roster:

KD2FLI, Bob Bailey
16 Fillmore Drive
Clarksburg, NJ 08510
609-259-5577
robertbailey777@aol.com

Please also welcome Joe Colon, KD2FLD to the GSARA. Joe also passed his Tech exam at the January 11 VE test session and is interested in emergency preparedness. Add to your roster:

KD2FLD, Joe Colon
185 State Route 33
Freehold, NJ 07728
732-496-9867
joecolon@gmail.com

CONVERSION FACTOR

1,000,000 aches = 1 megahertz

GSARA RECRUITING

Dear GSARA Members:

I could use your help to increase membership in GSARA.

Here's how:

1. Send me the name and call sign of local hams you know who are not members of GSARA. Perhaps they have never joined. Perhaps they were members at one time but dropped out.

2. As you listen to the Asbury Repeater you may hear stations calling who are not members of GSARA. Send me their call signs, too.

Here's what I will do:

I will send them either an email or postal letter inviting them to join GSARA, enclosing club information, a membership application, and meeting information.

The ARRL VEC office, after N2RB Richard's request, has sent us the names and contact information for all people who have taken or passed a VE test through GSARA in 2013. Starting with the VE session of January 11, 2014 the names and contact information of all VE test candidates will be noted and passed on to me. Besides this, as was usually done, each person taking and/or passing a test will be given a GSARA application and club information. A reminder of our rescinding member dues for these people for one year or part of a year will be included.

I will send each person who passed a test a letter of congratulations, a thank you for testing with GSARA's VE program, an invitation to join GSARA and an application and information about the club.

With your help we may see the membership roll of GSARA increase by 15% this year. This would be good for GSARA and good for ham radio in general.

GSARA needs new members. You can help.

73 de John, KA2F

CONVERSION FACTORS

Basic unit of laryngitis = 1 hoarsepower
2000 mockingbirds = two kilomockingbirds

HAPPY BIRTHDAY “PROPAGATOR”

It seems like it was just last year when the GSARA monthly newsletter took the name “The Propagator.” Actually it was 30 years ago. Back in December 1983 GSARA member KA2F proposed a contest to see who could come up with the best name for the newsletter. It was a good idea to give it a title rather than calling it “the newsletter.”

Several good titles were suggested but the judges (the 1983 officers) selected the entry by Harry Polhemus KN2B (formerly KA2ELT) who suggested “The Propagator.” So the next month “The Propagator” was born under Editor Vince Rosati KE2V. This was Volume 1, Number 1 for January, 1984. The format was very different from today. The pages were folded by hand, stapled by hand, addressed by hand, and U.S. postage stamps were licked and pasted on the document and handed over to the Little Silver post office. It was a chore! Yet for the good of GSARA!

The word Propagator derives from the verb Propagate, which gives us Propagation, which every Novice licensee back then knew meant the various means of spreading radio waves through various media. Simply put, that means how our radio signals at station W2GSA get from Tinton Falls to Budapest, Hungary, by reflection off the ionosphere and earth, etc.

The word Propagation comes from the Vatican’s Office of the Propagation of the Faith in 1622, i.e., Office of the Spread of the Faith. The word gained currency during this period of scientific enquiry and experimentation and was applied to the increase, spread, and transmission of all sorts of knowledge. It can be dated, however, to the late Middle English period which ended about 1470 with the world changing invention what did more than anything else for the Propagation of knowledge, the printing press, invented by William Caxton in England.

Like so much common vocabulary in today’s English, the words Propagate, Propagation, and Propagator come from ancient Latin. The Roman farmer knew how to propagate his grape vines and olive trees--not with seeds--but with cuttings grafted to other plants or placed in the moist, rich soil of Italy. The Roman farmer called a cutting, slip

or young shoot, propago or propages. This was the way he spread his plants and farm produce as we today on radio spread our signals.

LXXIII de John, KA2F

W2GSA GONE DIGITAL

Not to worry. Going digital is nothing like “going postal.” At GSARA’s W2GSA station at the Red Cross it means that we now have an operating position (5B) dedicated to operation in the two digital modes of PSK-31 and RTTY.

You likely recall our past-President W2XYZ, Frank, having done a great program on PSK-31 at one of our meetings in 2013. The interest generated by his talk prompted us to put on the air a digital station for members to use.

The last Saturday of 2013 Cy Stanway, K2CYS led a team in setting up our IC-718 for digital operation. Others who were on hand to help included Howard, W2HTS; George, K2EPD; Len, WA1PCY (an avid PSK-31er); and Joe, W2KQ. John, KA2F mainly was there to open the room up, bring coffee and doughnuts, and offer encouragement.

We got on the air on 14.0695 with the IC-718 in USB with an interface between the computer running DigiPan and the transceiver. After a few adjustments we were making digital QSOs and logged a Mexican station, 4A1TD, in Guadalajara as the first contact, followed by W0KO in Minnesota.

Members are welcome to stop by any Saturday to see a demonstration of the digital rig, to see how easy and enjoyable PSK-31 can be, and to operate the station.

Cy, K2CYS offers to do a small hands-on PSK-31 class at any time--not just Saturday afternoons--right in the radio room. It could be a good time to get a feel for the digital mode before starting out on your own alone. If interested, contact Cy (rabbicy@comcast.net) or John (ka2fwb2hdj@gmail.com).

Remember that W2GSA was a digital station long before this new mode; Morse code was the first and original digital mode!

73 de John, KA2F

GSARA LIBRARY

Here follows a list of library items catalogued thus far and available for your use and/or borrowing. The collection is currently on the shelf above operating station 5 in the radio room. Members may access the collection before or after any meeting or on Saturday when the room is posted as open.

The collection will grow through GSARA purchases and through members' donations. Bring in your books--with your name and call sign as the donor written in the inside cover--at any meeting or on Saturday when the room is posted as open.

Your donations benefit the club and all its members; they also benefit you, by giving you more space around the house and in your radio room and by bringing you a warm glow inside for having done a good deed.

Remember the words of the ham radio good book: "It is better to give than to keep things you do not ever use."

73 de John, KA2F

(Names and callsigns in parentheses indicate Donors)

ARRL Handbook 2013 (W2XYZ)
ARRL Handbook 2011 (N2LXM)
Practical Antenna Handbook 3rd Edition (KE2V, W2OD, W2XYZ)
Practical Wire Antennas (W2HTS)
ARRL VHF Digital Handbook (W2HTS)
Amateur Radio on the Move (W2HTS)
Emergency Power for Radio Communication (W2HTS)
ARRL RFI Book 2nd edition (W2HTS)
ARRL RFI Book 3rd Edition 2010
ARRL Operating Manual (N2LXM)
Tune in the World with Ham Radio 1981
ARRL Film Collection: "A History of Ham Radio in the 20th Century"
In Memoriam W2GSA Robert W. Morris 1916-1943 [5 copies]
A Concise History of Fort Monmouth, N.J. and the U.S. Army CECOM 2009 (N2LXM)
Landmarks, Memorials, Buildings, and Streets of Fort Monmouth 2009 (N2LXM)
Commanding Officers of Fort Monmouth 2009 (N2LXM)

National Radio News Four Issues: April 1930, November 1929, December 1929, July 1929 (N2LXM)
ARRL Instruction Manual for Technician License Classes 2011
ARRL 100 Years-- Hudson Division Award Luncheon (N2LXM)
Ameco Advanced Class Radio Amateur License Guide 1980 (Silverman)
ARRL General Class License Manual 2004
ARRL WAS Map and US Amateur Radio Bands 2007 (4 dozen copies available)
The Nifty Mini-Manual FT-450D
Yaesu FT-450D Operation Manual
Icom IC-718 Operator's Manual
LDG Electronics--AT-2000 Pro Automatic Antenna Tuner Manual Version 1.1
The World of Amateur Radio [various dates 1988--1991] Phil Petersen W2DME
B&H Photo, Video, Audio Catalog (no date) (Alan Sherman)
Imprint Apparel Bags and Caps Catalog 2011
Adpro Imprintable Apparel 2012
Get on the Air with HF Digital ARRL 2011 (Bill, NJ2H)
ARRL Extra Class License Manual (Len, WA1PCY)
The Radio Amateur's Microwave Communications Handbook (Mike, K1MH)
The Packet Radio Handbook, 2nd edition (Mike, K1MH)
APRS Moving Hams on Radio and the Internet (Mike, K1MH)
Testing Digital Video (Mike, K1MH)
The Guide to Digital Television, 2nd. Edition (Mike, K1MH)
Telecommunication Transmission Handbook, 2nd. Edition (Mike, K1MH)

CONVERSION FACTORS

2000 pounds of Chinese Soup = Won ton
1 millionth of a mouthwash = 1 microscope
Weight an evangelist carries with God = 1 billigram
365 days of drinking low-calorie beer = 1 Lite year
Half a large intestine = 1 semicolon
Shortest distance between two jokes = a straight line

RED CROSS AND GSARA

Here in Monmouth County the American Red Cross has long appreciated the value of the amateur radio service in providing vital communications in times of emergencies. The benefit of ham radio operators to the Red Cross is first recorded in 1931, in a Red Bank Register article of October 21:

“First Lieutenant Carter Clarke, adjutant, Ft. Monmouth, addressed the Rotary Club of Freehold in the interest of the annual roll call of the Red Cross. He outlined the plan of liaison which had been developed between the Red Cross and the Signal Corps whereby the facilities of the Army’s amateur radio relay league were constantly at the disposal of the Red Cross in the event of any great disaster.”

Although amateur radio transmissions came to an abrupt silence within three days of the United States’ entry into World War II on December 7, 1941, ham radio activities in other ways continued in support of the national defense effort. Hams voluntarily donated their radio gear to Coast Guard and Naval authorities when the call went out for communications equipment, woefully in short supply.

The Red Cross and hams and ham radio clubs, like the Jersey Shore Amateur Radio Association, worked together to fill the call for trained radio operators. The Register advertised this effort in the February 5, 1942 and October 29, 1942 issues.

“Morse Code Class Listed by Red Cross

Mrs. Harold Lewis of the volunteer special services, County Red Cross chapter, and sponsor of the Morse Code class at chapter headquarters, announces that there are now three classes for instruction in the Morse Code, as follows: Tuesday from 8 to 10 p.m., Herman E. Schreiber and Russell Conrow, instructors; and Saturday from 10 a. m. to 12 noon, Mrs. Eugene Black, instructor. Both men and women are invited and the Saturday class is for beginning students.

The advanced group will soon be ready to take the examination for the amateur radio operator license given by the government. All desiring to take the course should register at the county headquarters, 107 Monmouth St., Red Bank. The course is a service in defense work.”

The partnership of amateur radio and the Red Cross continued as is related in the following delightful article and photograph, featuring W2GSA and GSARA headquartered in the Red Cross chapter building in Shrewsbury, just as it is today in Tinton Falls. From the Sunday Press, October 14, 1951:

“Civil Defense Amateur Radio Group Has Test

Shrewsbury---Monmouth County’s civil defense amateur radio headquarters in the chapter house of the American Red Cross here delivered a message throughout the county 7½ minutes after it was received from Trenton as part of a state-wide test.

The message from State Civil Defense director Leonard Dreyfuss was spread over the state in 43 minutes by an amateur radio network formed Monday to handle communications in case other facilities were destroyed in an emergency. The message reached 47 stations, considered enough to cover the state.

At 3 p.m., the network was alerted for the test, and with 7½ minutes ten stations in Monmouth County, including one in Asbury Park, were contacted. The message was acknowledged to state headquarters in Trenton after its receipt here.

In his message Mr. Dreyfuss recalled four disasters in the state in which amateurs had helped. “In an actual disaster,” he pointed out, “your network probably will be the only method of getting out vital public information from the disaster area.”

“Manamon in Charge

The Monmouth County division has been organized under the direction of Lloyd H. Manamon (W2VQR), Asbury Park, who is in charge of the radio communications agency for the Signal Engineering Laboratories at Ft. Monmouth.

Assisting him in the test here were Marvin Bernstein (W2PAT), Eatontown; Philip Peterson (W2DME), Middletown; David Cockran (W2YLS), Fair Haven; Sam Yatter, Manasquan; L. C. Tyack (W2BAT), Little Silver and Frank Lyons (W2WRG), Belmar.

The (radio) headquarters are in the stable building of what was Miss Finch’s private school more than 150 years ago. The main house is the Red Cross county headquarters and the stable

building has been turned over to the radio operators for their civil defense and the Red Cross disaster program.”



RADIO OPERATORS MARVIN BERNSTEIN, EATONTOWN; LLOYD MANAMON, ASBURY PARK, AND PHILIP PETERSON, MIDDLETOWN.

GSARA VEs AND TESTING

Congratulations to Len, WA1PCY; Cy, K2CYS; and John, KA2F who have completed the easy-enough manual reading, review, and application to be certified by ARRL to be Volunteer Examiners.

Cy has been informed he will soon be certified as an ARRL VEC Volunteer Examiner. Len and John are awaiting notification in the new year. Congratulations and thanks to them.

We have applied to the ARRL VE office to have GSARA's monthly test to be advertised as held on the FOURTH Saturday of each month, instead of the 2nd when OMARC holds its testing. This way more hams and potential hams can be served.

Also we have asked to have advertised testing by GSARA on FOURTH Sundays, only with prior request and registration and with NO walk-ins permitted. This is to accommodate hams and potential hams who for personal or religious reasons prefer to be tested on Sundays.

Thank Rich, N3RB when you see him, for the fine work he is doing GSARA in the VE testing program.

73 de John, KA2F

TEN YEARS AGO

From the February 2004 Propagator: GSARA was meeting on the first Wednesday of each month at the MARS station at Ft. Monmouth. Members were encouraged to come early and operate the station which was coordinated by Marty, WN2DX. Bernie Schreiber, W2QFQ (SK) donated a 50-year old copy of the GSARA roster to the archives showing 148 members in 1953-54. OMARC was running classes on Monday evenings for Technician and Morse and on Thursday evenings for General. This was coordinated by Larry, KB2RIS (SK). ARRL proposed three levels of amateur licensing which became our present Technician, General, and Extra. Code (at 5 WPM) was only required for the Extra class. Interestingly, ARRL also proposed phone privileges for Technicians on 80, 40 and 15 meters which was not adopted.

FIFTEEN YEARS AGO

From the February 1999 Propagator: ARRL was pondering a name change to drop the word "Relay" from the name. Experimental licenses were issued to 15 amateurs to operate in the 5-MHz band. Starting February 1, 1999, ARRL members can have their e-mail addresses as call@arrl.net forwarded to their standard e-mail.

TWENTY YEARS AGO

From the February 1994 Propagator: New members joining GSARA were Joe Wilkes, WA2SFF and Mike DiPersio, KC2Q. The NJ DEP has proposed registering radio towers. Members were encouraged to send a letter of protest modeled after a sample published in the Propagator.

THIRTY YEARS AGO

From the February 1984 Propagator: Vince, KE2V had a nearly 2-page article on Maximum Power Transfer. Barry, WA2JKS had a nearly 3-page article on how to add a branch circuit to power your shack. Phil Petersen, W2DME (SK) contacted 5N6SBA in Nigeria to find the status of a blind missionary and relayed it to her grateful parents.

NOTES ON CALENDAR (see next page)

Large Call letters denote birthdays e.g. NZZZP on February 5. All times are EST. Contests are listed in the February QST, p. 88.

Jan. 31-Feb.2 – **10-10 Winter Phone QSO Party** from 7:01 pm Friday to 6:59 pm Sunday. See <http://www.ten-ten.org>

February 1 – **North American Sprint**, CW from 7 pm to 10:59 pm. See <http://www.ncjweb.com>

February 2 and every Sunday – **InfoAge Marconi Hotel** open from 1 to 5 pm on Marconi Road in Wall.

February 3 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

February 4 – **Old Barney VE Session** at 6:30 pm in Manahawkin. Contact Urb Le Jeune, W1UL at 609-296-5856 or urb@w2dec.com

February 4 – **Old Barney ARC Meeting** at 7:30 pm in Manahawkin, NJ. See <http://www.obarc.org>

February 4 and every following Tuesday – **GSARA Net** on 147.045 PL=67 at 8:30 pm.

February 4 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

February 5 - **W1AW Qualifying Run** at 7 pm (10-35 wpm). See www.arrl.org/qualifying-run-schedule

February 5 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Program features John, KA2F talking about “Ham Radio – Laughing Matter”

February 6 - **HCARC meeting** at 7 pm at Holiday City South Clubhouse in Toms River.

Feb. 7-9 – **CQ WW RTTY WPX** from 7 pm Friday to 7 pm Sunday. See <http://www.cqwprrty.com>

February 8 – **OMARC Meeting** at 9:00 am at the Diana Site on Marconi Road in Wall. Guests welcome.

February 10 - **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

February 12 – **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

February 13 – **JSARS meeting** in Riverwood Park Rec. Building, Rt. 527 and Riverwood Drive at 7:30 pm.

February 14 – **Valentine’s Day**. Don’t forget your Valentine!

Feb. 14-16 – **ARRL Int’l CW DX Contest** from 7 pm Fri. to 6:59 Sun. See <http://www.arrl.org/contests>

February 17 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

February 19 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Regular business meeting.

February 20 – **W1AW Qualifying Run** at 4 pm (10-35 wpm). See <http://www.arrl.org/qualifying-run-schedule>

February 20 – **JSARS VE Test Session** at 7:00 pm Riverview Park Recreation Bldg., Rt. 527 and Riverwood Drive in Toms River. Contact Ed Genoino, WA2NDA at 609-971-2792 or wa2nda@comcast.net.

Feb. 21-23 – **CQ WW 160 SSB** from 5 pm Friday to 5 pm Sunday. See <http://www.cq160.com>

February 22 – **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@aol.com

Feb. 22-23 – **North American QSO Party, RTTY** from 1 pm Saturday to 12:59 pm Sunday. See <http://www.ncjweb.com>

February 24 - **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

February 24 – **DX Interest Group**, Check with Joe, W2KQ as to time and place. See page 2.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					31 10-10 Phone QSO	1 10-10 Phone QSO NA CW Sprint
2 10-10 Phone QSO InfoAge	3 ARES/RACES 7:30	4 OBARC GSARA Net 8:30 QCWA News 9 PM	5 CW Qual. Run GSARA Mtg.	6 Hol. City Mtg.	7 WW RTTY WPX	8 OMARC Mtg WW RTTY WPX
9 WW RTTY WPX InfoAge	10 RACES Net 7:30	11 GSARA Net 8:30 QCWA News 9 PM	12 Hol. City VE	13 JSARS Mtg.	14 Valentine Int'l CW DX	15 Int'l CW DX
16 Int'l CW DX InfoAge	17 ARES/RACES 7:30	18 GSARA Net 8:30 QCWA News 9 PM	19 GSARA Mtg.	20 CW Qual. Run JSARS VE	21 CQ WW 160 SSB	22 GSARA VE 11am CQ WW 160 SSB NA RTTY QSO
23 CQ WW 160 SSB NA RTTY QSO InfoAge	24 DX Mtg. RACES Net 7:30	25 GSARA Net 8:30 QCWA News 9 PM	26	27	28	



G.S.A.R.A.

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FIRST CLASS