



THE PROPAGATOR

8 Donner St.
Holmdel, NJ 07733
Editor: Bob Buus, W2OD

MAY 2014

UPCOMING GSARA MEETINGS

The first GSARA meeting for May will be held on **Wednesday, May 7 at 7:30 PM** at the Red Cross. The program features Bob Buus, W2OD talking about "The Care and Feeding of Sealed Lead-Acid Batteries." Bob recently designed and built a "smart charger" for small 6 and 12-volt gel cell (SLA) batteries. Guests are welcome and light refreshments will be served.

The second meeting in May will be held on **Wednesday, May 21 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 five sessions in April, we have had 32 check-ins for an average of 6.4 per session. The following 14 members checked into this net at least once (number of check-ins in parenthesis):

W2OD (5), N2BMK (3), K2CYS (3), KA2F (3), N2HGI (3), K2QXW (3), KG2CM (2), N2GT (2), N2LXM (2), KB2YTM (2), KD2EPA (1), NJ2H (1), W2NIR (1), and W2XYZ (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.

WELCOME NEW MEMBER

Please welcome Michael Peduto, AC2MV to the GSARA. Recently licensed, he holds an Extra Class license and works as an IT Director. Michael is a member of the ARRL. Please add to your roster:

AC2MV, Michael Peduto
156 Hardenburg Lane
East Brunswick, NJ 08816
732-451-6280
mpeduto@gmail.com

VE TEST SESSION MAY 24

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

NEW E-MAIL FOR RICH, N3RB

Please change the e-mail address for Rich, N3RB to: 4332lee@gmail.com.

GSARA HAMFEST MAY 3

Don't forget to attend the GSARA Hamfest on Saturday, May 3 at the MOESC on the corner of Shafto Road and Tornillo Way (the same location as the last several years). Admission is free to members who help out, otherwise it is \$5 per person. See page 8.

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 May is on the 26th.

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>

EDITOR'S NOTES

This issue of The Propagator took much longer than normal to prepare but it was mostly my own fault. With Microsoft no longer supporting Windows XP (which I have been using for years), I decided to buy a reconditioned computer with much more memory, a much larger hard disc, a much faster processor, and Windows 7. Getting used to the new computer and operating system slowed me down a little bit.

What threw me for a much bigger loop was the upgrade of my Office 95 software to Office 2013 (a birthday gift from my XYL). As you can imagine, a large number of changes were made to Word in those 18 years. Although most of the changes are an improvement, the fact that they are different had me spending an inordinate amount of time learning to do things in the new Word that I could previously do in my sleep with the old version. But I'm learning so hopefully the next issue of The Propagator should go a lot faster.

Don't forget our Hamfest coming up on Saturday, May 3. Help is needed, especially at set-up early in the morning and take-down/cleanup at around noon. If you can help, you get in free. If you cannot help, at least plan to attend (it will cost you \$5) and support our effort. Who knows, you might win one of the prizes.

As is the case every month, I had much more material than would fit on the 10 pages of this Propagator. Some I am holding for a later issue but some articles from the ARRL Letter had to be cut completely. Others, like the ARRL response to the FCC on page 7 had to be cut down in size. The full articles are available on the ARRL letter which can be read on the ARRL web site.

I'm still waiting to hear from MetroCor authorizing us to change to call of the Asbury Park repeater to W2GSA. I sent them an e-mail about a month ago inquiring about our status but have not yet heard back from them. I guess I should send another query and risk being considered a pest.

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

73 de Bob, w2od@arrl.net

MINUTES OF APRIL 2 MEETING

By Bob Buus, W2OD, Secretary

The meeting was called to order by President John King, KA2F at 7:30 PM at the Red Cross. There were 21 members and 2 guests present. Guests were Art Gray, AL2O from Matawan and Michael Peduto, AC2MV from East Brunswick. After the pledge to the flag, all present introduced themselves.

Reports and Business

Since this was a program meeting, reports and business was postponed until the next meeting.

Announcements

Cy, K2CYS donated and MFJ Voice Recorder-Keypewriter for the GSARA radio shack.

Alan, W2NIR donated several repeater directories and an MFJ Catalog to our Library.

Cy, K2CYS invited all members to visit the new GSARA web site and would appreciate any comments for improvement. He also encouraged everyone to send in a picture of his/her shack for posting on the web site.

Public Service

Tom, N2VFK reminded everyone that the MS two-day bike tour is coming up on May 17-18 and many volunteers are needed. To volunteer, send an e-mail to n2vfk@verizon.net.

Hamfest

Volunteers are needed to help with the GSARA Hamfest on May 3. Neither KJI Electronics nor Cheap Ham can be there due to conflicts with other hamfests.

Program

John, KA2F showed movies. The first was a 1943 movie of the Three Stooges bumbling with electricity and communications. This was followed by a movie of the Deschecho Island DX-pedition. Popcorn, candy and beverages were provided.

Close

The 50-50 door prize of \$20 was won by Blair, KD2EPA. A motion was made and seconded to close the meeting which adjourned at 8:29 pm.

MINUTES OF APRIL 16 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 15 members and one guest present. The guest was Tom Chicino, KC2RSE from Toms River. After the pledge to the flag, all present introduced themselves.

Health and Welfare

Bill Bergadano, KA2EMZ from Freehold became a silent key on April 3, 2014. A moment of silence was observed in his memory.

Secretary's Report

A motion was made by Howard, W2KHTS and seconded by Rem, K2REM to accept the secretary's report from the last meeting as it will be published in the May Propagator. The motion passed unanimously.

Treasurer's Report

The treasurer's report was presented by Treasurer Bruce, K2QXW. A motion was made by Howard, W2HTS and seconded by Marty, N2BMK to accept the report and it passed unanimously.

VE Program

Rich, N3RB reported that we have a full crew of VEs signed up for the VE session on April 26.

Hamfest

The GSARA Hamfest is coming up on Saturday, May 3 and we need volunteers to help make it a success. John, KA2F will not be available and there is a chance that Howard, W2HTS may also not be available. The seven tables provided by MOESC may be sufficient for our needs and none may be needed from the Red Cross. A motion was made by Howard, W2HTS and seconded by Cy, K2CYS to authorize the expenditure of up to \$350 for prizes and hamfest expenses. The motion passed unanimously.

Field Day

Field Day is coming on June 28-29. There will be an outdoor station in the front of the Red Cross building with up to two transmitters as well as the indoor operation from the GSARA radio room. It is unclear whether we can staff 4 stations

throughout Field Day or if we should rotate activity between indoors and outside to reduce the number of transmitters. In any case, all stations will be on commercial power so we will be 2F, 3F or 4F.

Banners have been designed to publicize our Red Cross Field Day operations. A motion was made by Marty, N2BMK and seconded by Red, K2REM to authorize \$281.75 to purchase these banners.

ARRL Centennial Convention

John, KA2F reported that we have 17 members signed up for the bus to the Convention on Saturday, July 19. A bus that holds 25 has been reserved so we have room for more attendees.

NJ 350 Anniversary

On June 21-22, GSARA will celebrate the 350th anniversary of the state of New Jersey by operating special event station N2J from the Red Cross. Anyone wishing to operate the stations is encouraged to do so.

New Member

An application for membership was received with \$20 payment from Michael Peduto, AC2MV from East Brunswick. He recently passed all of the test elements so holds an Extra Class license. By unanimous vote, Michael was voted in as an active member of GSARA.

Announcements

John, KA2F invited all members to visit our updated website at www.gardenstateara.org and check out all of the new features.

Besides our library of books, we now have a growing library of various DVDs and movies of amateur radio interest.

A weatherproof box has been procured for housing a telephone just outside the red rear door at the Red Cross so everything is ready for its installation.

In lieu of the June 4 meeting of GSARA, we will instead meet at the InfoAge Learning Center on Marconi Road in Wall to tour the museum. The cost of the tour will be covered by GSARA.

The FT-450D transceiver was fixed under warranty and is back in the radio room,

International Marconi Day is Saturday, April 26. OMARC will be operating from the Diana site.

Close

The door prize of \$15 was won by Len, WA1PCY. There being no further business, a motion was made by Rem, K2REM and seconded by Matt, W2AOJ to close the meeting which was adjourned at 8:32 pm.

JOHN GOLEMBESKI, K2EOB - SK

Former GSARA member John Golembeski, 77, of Red Bank, died on April 11, 2014. He was born in Bayonne and lived in Fair Haven and Sea Bright. John was an Electrical Engineer by profession, receiving his BS from Newark College of Engineering (NJIT), his MS from Cornell University and his PhD. from NYU. John worked for Bell Labs, AT&T and Lucent Technologies for 43 years. He was an avid fisherman and amateur ham radio operator (K2EOB). John was a member of IEEE and Marconi Chapter 138 of the QCWA. He would take vacation and sail on cargo ships to serve as the radio officer, and for many years was a volunteer Emergency Communications radio operator for the Sea Bright Police Department during times of emergencies.

Surviving are his daughter, Karen Lewis; son & daughter-in-law, John and Melody Golembeski; daughter & son-in-law, Ellen Davis and Robert Mulry; grandchildren, Kate, Morgan, Austin, Evan, Travis, Chelsea, Cole, Cooper, Mitchell, Lloyd, Joseph and Robert; great-grandchildren, Rhea and Levi; brother & sister-in-law, Tom and Barbara Golembeski; sister & brother-in-law and Susan and Bill Poxon, cousins, nieces, nephews and their families. He loved deeply, was loved dearly, and will be greatly missed by all.

Visitation and a Memorial Service was held on April 19 at John F. Pfleger Funeral Home in Middletown.

In lieu of flowers please consider a contribution in John's name to the Wounded Warriors Project, or a ministry of your choice.

HUDSON DIVISION HOME PAGE

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

WILLIAM BERGADANO, KA2EMZ - SK

William J. Bergadano, 55, of Freehold, passed away on April 3, 2014 at CentraState Medical Center, Freehold. Born and raised in Staten Island he lived there until moving to Freehold in 1988. A graduate of St. John Villa Academy and St. Francis High School, he then graduated from College of Staten Island. He was a communicant of St. Gabriel's Catholic Church, Marlboro. Bill was a self-employed radio broadcaster and ham radio operator. He was an avid Jets and Phillies fan and loved his pets, Scooter and Sunshine.

He was predeceased by his father, William Bergadano. He is survived by his mother, Gloria Bergadano of Freehold.

Visitation was on, April 6th at Freeman Funeral Home in Freehold. A Funeral Liturgy was celebrated on April 7 at St. Gabriel's Historic Church, Marlboro. Interment followed at Holy Name Cemetery in Jersey City.

CHECK OUT OUR WEBSITE

Hello, GSARA,

You've got to check it out this "Something New to View" on our club website! Thanks to Vince, KE2V and Cy, K2CYS who are working together to update and enhance our web page there's "Something New to View"--pictures of members' ham shacks. Here's the link to this great feature:

<https://gardenstateara.wordpress.com/category/members-shacks/>

We want to get a peek at your operating station. Don't worry, few resemble ARRL's W1AW; some really look like a shack, but they too can be made neater before you snap a photo and send it as an attachment to Cy, K2CYS at <rabbicy@comcast.net>.

Garden State ARA is on the move up and with the help of our talented members it can only become even better. It's up to you to help in this really cool feature and your shack photo is just what we need to see -- Something New to View.

73 de John, KA2F

WWV BACK ON 25 MHz

WWV silenced its 25 MHz signal in 1977, but it's back on the air "for old times' sake" -- on an "experimental basis." Resurrecting the long-dormant standard time outlet operated by the National Institute of Standards and Technology (NIST) was Matt Deutch, N0RGT, the lead electrical engineer at WWV.



The WWV complex in Fort Collins, Colorado.
[NIST photo]

It all came about after Dean Lewis, W9WGV, lamented the loss of the 25 MHz signal in an e-mail to Deutch, who surprised him by subsequently putting the signal back on the air on April 4 for about 3-1/2 hours. A listener in Scotland posted a reception report of the WWV 25 MHz signal on YouTube. WWV ran another 25 MHz test starting on April 7. Initially it was only to stay up for 24 hours or so, but Deutch told ARRL that WWV will remain on the air probably for the rest of the week. "So hopefully a few more people will hear it," he said.

Lewis said he'd told Deutch last week that 10 meter propagation has been very good at this point in Cycle 24, and he uses the various WWV frequencies as propagation beacons every day.

NIST said the 25 MHz broadcast consists of the normal WWV signal heard on all other WWV frequencies, at the same level of accuracy. The transmitter in Fort Collins, Colorado, can deliver 2500 W into its "broadband monopole" antenna, although Deutch told ARRL that he is running it at 1200 W. WWV has invited listeners' comments and signal reports.

From *The ARRL Letter*, April 10, 2014

RPTR DIRECTORY APP FOR ANDROID

ARRL has introduced its first Android app for locating Amateur Radio repeater frequencies in the US and Canada -- The ARRL Repeater Directory®...Powered by Travel Plus®. Android phone and mobile device users can download the app at no cost from Google Play® (an Apple iOS version is coming soon). The free app provides limited access to The ARRL Repeater Directory database. Users may purchase a subscription to the complete database of 23,000 repeaters, but the full version of the app is included in the price of The ARRL Repeater Directory print editions.

"You're probably more likely to have your smartphone at your fingertips when searching for a repeater while traveling," ARRL Marketing Manager Bob Inderbitzen, NQ1R, pointed out. "The app can quickly locate you and deliver a list of nearby repeaters to tune in." Inderbitzen says users can browse the entire database by city and state too, even while offline.

The app's database contains the current list of frequencies included with the 2014-2015 hard copy editions of The ARRL Repeater Directory and in the TravelPlus for Repeaters software. "ARRL assembles this data each year from frequency coordinators recognized by the National Frequency Coordinator's Council and carefully vetted submissions from individual repeater owners," said ARRL Publication Manger Steve Ford, WB8IMY, who edits the directory. The database includes repeaters from 28 MHz to 1240 MHz, and includes ATV, D-Star, APCO-25, Digital Mobile Radio (DMR), EchoLink, and IRLP machines.

The ARRL Repeater Directory app can search for frequencies by city and state, or by current location, if you've enabled location services on your device. Selecting a listing reveals detailed information on the repeater and its features. Users can filter searches to see only repeaters that match certain attributes, and mapping is integrated.

Users may [purchase](#) an activation code from ARRL for 12 months of access to the full version for \$9.95. The hard copy 2014-2015 Repeater Directory, also available from ARRL or from an [ARRL publications dealer](#), includes an activation code for access to the full version of The ARRL Repeater Directory app. The [pocket-sized edition](#)

is \$12.95, and the [desktop edition](#) is \$17.95 -- both including the app (plus shipping). The activation code permits single users to activate the full version of the app for 12 months on up to three devices.

ARRL produced the app with DHF Systems, the developer of ARRL'sTravel Plus for Repeaters® software.

From *The ARRL Letter*, April 10, 2014

AMATEUR LENDING POOL

Dear Fellow GSARA Members,

Like you, I have need for test equipment or other accessories for the shack from time to time. The truth, though, is that very few people have everything they always need and buying a piece of test equipment for a one-time use is an awfully big expense. How many of you ever needed an Antenna Analyzer or a grid dip meter or even something as simple as a footswitch or a propane torch but didn't have one?

To that end, I would like to make a suggestion. If we pool our resources and let everyone in the club know what we have and *are willing to lend* then instead of us making general calls on the repeater (which often works but not always), we can simply look at the list and reach out to the individual ham who may be willing to lend the equipment. All borrowing/lending arrangements between the hams would be a private deal and would not involve the club, create liability for the club or have the club in any way responsible for the exchange of items or agreements. The club would simply supply a list of available equipment that people are willing to lend out (for a time to be determined by each party) and would have the ham's call and phone number.

If you are willing to participate in this program, please send me a list of your 'willing to lend out' equipment and I will create a spreadsheet and upload it to the Club Website. Don't forget to include your call sign and, if you wish, your phone number.

See you in the pile-up!

73 de Cy Stanway, K2CYS

ARRL ON FCC ENFORCEMENT

In comments filed in response to the FCC's February 14 Report on Process Reform (GN Docket 14-25), the ARRL has called for a more visible, responsive Amateur Radio enforcement program. The League also said it was concerned that FCC policies for adjudicating certain complaints of interference to radio amateurs, especially those involving electric utilities, provide no incentive for the utilities to resolve them. The ARRL was further critical of the fact that FCC petitions for rule making and spectrum allocation proceedings often take years to resolve. But the League confined the bulk of its comments to perceived shortcomings in the Amateur Radio enforcement program.

"[T]he visibility of the Commission's enforcement program for the Amateur Service is wholly inadequate, resulting in a widespread, albeit inaccurate, public perception that there is no active enforcement in our service," the League's comments said. The ARRL said "deterrence based on visibility is a critical component of a successful compliance campaign."

The most successful -- and visible -- period of Amateur Radio enforcement in recent years was between 1997 and 2008, the ARRL asserted.

Enforcement actions that are taken, the League said, are not released to the Amateur Radio media. "This deprives radio amateurs of the knowledge that the Commission is indeed investigating and responding to a given enforcement problem," the ARRL said. "The result is the perception that nothing is being done in a given case, and frustration builds rapidly among the radio amateurs who have to endure the rule violator on an ongoing basis."

The League faulted the FCC's websites -- old and new -- for being "woefully out of date" and not well maintained or presented. "The fact that there are two separate listings of Amateur Radio enforcement actions on two separate FCC website is, frankly, ridiculous in any case," the ARRL concluded.

The ARRL also urged the FCC to make better use of the Amateur Auxiliary -- the ARRL Official Observer Program -- in resolving enforcement complaints. "It is unclear why none of the evidence gathered by OOs is usable other

than as a predictor for Commission District Office staff to use in investigating the matter themselves -- if and when their time permits," the League said. "The program is authorized by legislation. It would increase the Commission's efficiency if the work of these volunteers were put to a better use."

The ARRL pointed to cases where chronic rule violators who were the subject of hundreds of hours of OO surveillance and off-the-air recordings have "been allowed to continue those activities for periods of years without more than a warning letter."

The League said the Report "makes good recommendations" in addressing years-long delays in resolving rule making petitions and open-docket proceedings. As an example it cited the League's 2012 Petition for Rulemaking seeking a new Amateur Radio allocation at 472-479 kHz. "To date, a year and a half after it was filed, this Petition for Rule Making has not been afforded a file number, nor has public comment been solicited on it," the ARRL said.

Excerpted from *The ARRL Letter*, April 3, 2014

GSARA LIBRARY

Thanks to the continuing generosity of members our club library is growing in size and soon will require two shelves.

The library catalogue can be found on <http://www.gardenstateara.org>

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 (pl 67)
2. Call on the telephone 732-493-9100 ext. 1252
3. Ring the doorbell (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.

LOCAL HAMFESTS IN MAY

Saturday, May 3 is the GSARA Hamfest at MOESC on the corner of Shafto Road and Tornillo Road in Tinton Falls. It is open to Sellers at 7 am and Buyers at 8 am. Admission is \$10 per tailgate slot plus \$5 admission for Sellers and \$5 per person for Buyers. Talk-in is on the Asbury Park Repeater on 147.045, +600 (PL=67). VE Testing is at 10 am. GSARA members who would like to help out are encouraged to come to the site as early as possible (6:30 am suggested).

Two weeks later on Saturday, May 17, the OMARC is holding a Tailgate/Indoor Hamfest at the Diana Site on Marconi Road in Wall Township. Gate open to Sellers at 6 am (\$10 per space outside, \$15 inside including admission. Open to Buyers at 7 am at \$5 per person. Talk-in is on 145.110, -600 (PL=127.3). VE Testing is at 10:30 am.

MS 170 BIKE TOUR

The race for a cure for MS continues to be a long and arduous task. Ham Radio and YOU can help achieve greater progress in overcoming this debilitating disease. Please HELP.

May 17 and 18, Saturday and Sunday are the dates for the annual 170 mile National MS Society Bike Tour--a great fundraiser and a lot of fun, too. It starts at Monmouth University in West Long Branch, stops overnight in Tuckerton and finishes up in Cape May. Hams from five counties join in and use 5 or 6 repeaters to tie the whole event together. You can volunteer for either or both days and can contact GSARA's own Tom Cosgrove, N2VFK by email at n2vfk@verizon.net to see how and where you can help out in this effort. Please HELP!

73, de John, KA2F

A NOTE FROM EMORY WALL, K2YWI

Sorry I'm late (with dues). I was in the hospital but am better now. That's what happens when U turn 91!

Greetings to all.

73 de Emory, K2YWI in Florida

TEN YEARS AGO

From the May 2004 Propagator: The front page featured pictures of GSARA members assembling a 5-element, 20 meter beam at Fort Monmouth. Participants included Rich, K2CPE; Marty, WN2DX; Jim, K2EI; Mike, W2EXQ (SK); Jeff, N2LXM; Ray, W2NXG (SK); Bob, W2OD; Larry, KB2RIS (SK); Tom, N2VFK; Frank, W2XYZ; and Andy, AA2ZL. The wife of Paul Kaltenborn, N2ZZP died on April 2 at the age of 67. Ex-GSARA member Cary Fishman, WB2BSJ had moved to Arizona and was looking for GSARA members on Echolink.

FIFTEEN YEARS AGO

From the May 1999 Propagator: ARRL Hudson Division Director Frank Fallon spoke at the April 21 meeting. Bruce, K2QXW was responsible for distributing the electronic edition of The Propagator and encouraged members to keep he apprised of their latest e-mail addresses. North Korea was on the air for a short time. Ed Genino, WA2NDA joined GSARA. ARRL initiated an e-mail forwarding service to members.

TWENTY YEARS AGO

The 1994 Shore Area Hamfest will be at Brookdale College for the first time in October. Field Day will again be in Tatum Park in Middletown in June. Jeff, N2LXM gave an interesting talk about Radio Direction Finding at the April 6 meeting. Mike Begala, K2CTJ (now SK) was made an Honorary Life Member of GSARA.

TWENTY- FIVE YEARS AGO

I have no Propagators in my file from May 1989 through August 1989. If anyone has any of these, I would appreciate obtaining a copy – Ed.

THIRTY YEARS AGO

From the May 1984 Propagator: Two buses will be hired to take GSARA members to the ARRL National Convention in NYC in July. John, KA2F compiled a GSARA membership list by call sign (this was manually done without computers) and we had 93 members.

NOTES ON CALENDAR (see next page)

Large Call letters denote birthdays e.g. N2JFL on May 5. All times are EDST. Contests are listed in the May QST, p. 79.

April 29-May 6 – **W1AW/1 (CT) and W1AW/7 (Nevada)** from 8 pm Tuesday to 8 pm Tuesday.

May 1 - **HCARC meeting** at 7 pm at Holiday City South Clubhouse in Toms River.

May 3 – **GSARA Hamfest** at MOESC on Tornillo Road in Tinton Falls. See page 8.

May 3-4 – **Radio Club of America QSO Party**, Phone from 1 pm Saturday to 12:59 am Sunday. See <http://www.radio-club-of-america.org>

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

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

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

May 6 - **W1AW Qualifying Run** at 7 pm (10-35 wpm). See www.arrl.org/qualifying-run-schedule

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

May 6-May 13 – **W1AW/7 (Utah) and W1AW/0 (Nebraska)** from 8 pm Tuesday to 8 pm Tuesday.

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

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

May 7 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Program on SLA Batteries.

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

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

May 10 – **50 MHz Spring Sprint**, all modes from 7 pm to 11 pm. See sites.google.com/site/springvhfupsprints

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

May 13-May 20 – **W1AW/0 (South Dakota)** from 8 pm Tuesday to 8 pm Tuesday.

May 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

May 17 – **OMARC Hamfest** at Diana Site on Marconi Road in Wall. See page 8.

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

May 20-May 27 – **W1AW/2 (New York) and W1AW/0 (Colorado)** from 8 pm Tues. to 8 pm Tues.

May 21 – **JSARS VE Test Session** at 7:00 pm Riverview Park Recreation Bldg., Rt. 527 and Riverwood Drive in Toms River. Contact Ed Genino, WA2NDA at 609-971-2792 or wa2nda@comcast.net.

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

May 23 – **W1AW Qualifying Run** at 9 am (10-40 wpm). See <http://www.arrl.org/qualifying-run-schedule>

May 23-25 – **CQ WW WPX Contest**, CW from 8 pm Friday to 7:59 pm Sunday. See <http://www.cqwpix.com>

May 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@aol.com

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

May 26 – **DX Interest Group**, Check with Joe, W2KQ as to time and place. See page 2.

May 27-June 3 – **W1AW/4 (Alabama) and W1AW/5 (Louisiana)** from 8 pm Tues. to 8 pm Tues.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Hol. City Mtg.	2	3 GSARA Hmfst RCA QSO Pty
4 RCA QSO Pty InfoAge	5 N2JFL ARES/RACES 7:30	6 OBARC CW Qual. Run GSARA Net 8:30 QCWA News 9 PM	7 GSARA Mtg.	8 JSARS Mtg.	9	10 OMARC Mtg 50 MHz Sprint
11 InfoAge	12 RACES Net 7:30	13 GSARA Net 8:30 QCWA News 9 PM	14 Hol. City VE	15 KD2FLI JSARS VE	16 K2REM	17 OMARC Hmfst
18 InfoAge	19 ARES/RACES 7:30	20 GSARA Net 8:30 QCWA News 9 PM	21 GSARA Mtg.	22 N2BMK	23 CW Qual. Run CQWW WPX	24 GSARA VE 11am CQWW WPX
25 CQWW WPX InfoAge	26 DX Mtg. RACES Net 7:30	27 GSARA Net 8:30 QCWA News 9 PM	28	29	30	31 KG2CM



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FIRST CLASS