



# THE PROPAGATOR

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

**JUNE 2014**

---

## UPCOMING GSARA MEETINGS

The GSARA meeting for June 4 is cancelled. Instead, we will have a field trip to the InfoAge Museum on Sunday, June 8 at 2 PM. The donation for admission is being covered by GSARA so admission is free. We look forward to a good turnout. See page xxx for more details.

The second meeting in June will be held on **Wednesday, June 18 at 7:30 PM** at the Red Cross. This will be a regular business meeting with discussion of the operation of the NJ 350<sup>th</sup> birthday special event station on June 20-21 and, of course, Field Day on June 28-29. Light 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 May, we have had 21 check-ins for an average of 5.25 per session. The following 10 members checked into this net at least once (number of check-ins in parenthesis):

N2BMK (4), W2OD (4), K2CYS (3), KG2CM (2), KA2F (2), N2LXM (2), KD2FLE (1), N2HGI (1), W2HTS (1), and N2JFL (1).

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

---

## VE TEST SESSION JUNE 28

The GSARA monthly test session will be held on Saturday, June 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](mailto:n3rb@aol.com).

---

## WELCOME NEW MEMBERS

Please welcome Ken DeGroat, K2KDC to the GSARA. He passed both the Technician and General Exams at the April GSARA VE session and, upon receiving the call of KD2GJL, applied for a vanity call to get his present call. He is a Chiropractor. He has put up a G5RV and purchased a used Yaesu FT-767 transceiver as well as a Wouxun dual band so he should soon be on the air. His other interests include fishing, hiking, camping and flying (he has a private pilot S.E.L.). Please add to your roster:

### **K2KDC, Ken DeGroat**

333 Main Street  
Keyport, NJ 07735  
732-888-8241  
[krddc@verizon.net](mailto:krddc@verizon.net)

Please also welcome Lee Lensky, K2EEI to the GSARA. He passed the Technician Exam at the April GSARA VE session and the General at the May session. He had previously been licensed in 1967. He owns a Swan 500C, a Collins KWM2b and a Heath DX60B. He is interested in Satellites, DX and pounding brass. An IT executive, he is also interested in flying, programming and music. Please add to your roster:

### **K2EEI, Lee Lensky**

216 Wayne Street  
Highland Park, NJ 08904  
732-470-0037  
[llensky@acm.org](mailto:llensky@acm.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 (June 30) 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.

## 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>

## GSARA E-MAIL

w2gsa@arrl.net

## EDITOR'S NOTES

June is going to be a busy month for GSARA members and I'm looking forward to all of the activities and hope that most of you can participate in most of them. The InfoAge tour, which takes the place of our first meeting in June, should be of much interest even if you have visited there before. They are always adding new exhibits and I find the antique radio exhibits particularly interesting even after many visits.

The N2J special event operation on June 20-21 should be a blast. I suspect we will have some pile-ups on both phone and CW so operator (or logging) help would be much appreciated. If you can't get to the Red Cross to operate, at least work the station from your home and help support this effort.

Then, of course, there's Field Day on June 28-29. This will be a bigger event than in years past and, thanks to the efforts of Cy, K2CYS and Ray, WA1FFT, we will have two operating positions outside the Red Cross to get the real feel of what Field Day is all about. John, KA2F is promising good food so you don't want to miss any part of this great event. I look forward to seeing all of you there (including past president Frank, W2XYZ who is coming from a great distance).

I found the article on page 7 about the 1956 Air Force test of SSB on the amateur bands fascinating. Although I knew that Gen. LeMay was an amateur, I didn't realize what a significant role amateur radio played in evaluating SSB as the communications mode for SAC.

You might pass the word about the ARRL on-line practice exams (see page 6) to anyone you know who is studying for a Tech license. Of course, if you are planning to upgrade, the practice exams for General and Extra should be very useful.

I sent another query to MetroCor about our change in call for the Asbury Park repeater to W2GSA but I am still awaiting a reply. Hopefully, they are not waiting for some additional information from us that we don't know about.

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

73 de Bob, w2od@arrl.net

## MINUTES OF MAY 7 MEETING

By Bob Buus, W2OD, Secretary

The meeting was called to order by Vice President Howard Suffill, W2HTS at 7:33 PM at the Red Cross. There were 16 members and 2 guests present. Guests were Jim Knight, W2JLK from Matawan and John Cardillo, KB2MAB from Hazlet. After the pledge to the flag, all present introduced themselves.

### Reports and Business

Since this was a meeting with a program, most business was postponed until the next meeting.

### New Members

An application for membership was received with \$17 payment from Lee Lensky who is awaiting his call since passing the Technician test on April 26. Lee had previously been licensed in 1967 and lives in Highland Park, NJ. He is an IT Executive. By unanimous vote, Lee was voted an active member of GSARA.

An application for membership was received with \$17 payment from Ken DeGroat, KD2GJL from Keyport. Ken passed his Technician and General at the April 26 VE session. He is a Chiropractor who also enjoys Fishing, Hiking, Camping and Flying (he has his private pilot's license). By unanimous vote, Ken was voted an active member of GSARA.

### Public Service

Tom, N2VFK is still looking for two more volunteers for the MS bike tour on May 17. To volunteer, send an e-mail to [n2vfk@verizon.net](mailto:n2vfk@verizon.net).

### Hamfest

Treasurer Bruce McLeod, K2QXW gave in interim financial report for the May 3 Hamfest. We took in \$1068 and spent \$381 for a net profit of \$687. Almost half of the profit was due to the sale of the club's Collins Linear Amplifier.

Both KJI Electronics and Cheap Ham donated door prizes thanks to the efforts of Joe, W2KQ. Hudson Division Director Mike Lisenco attended the hamfest and donated some ARRL books for prizes. The Secretary was asked to prepare thank you letters to KJI, Cheap Ham, and Mike Lisenco for their donations which helped make the hamfest a success.

Because MOESC was not notified, the building was locked and couldn't be accessed for restrooms, power, or VE session. Joe will try to apply some of our \$300 fee to MOESC to the fall hamfest. Joe pointed out that we must set a date for the fall hamfest ASAP. We might also consider Sunday instead of Saturday for the hamfest. Howard, W2HTS will check with the ARRL for a suitable date in the fall.

We received complaints about the lack of restroom, some vendors wanted power, and the VE session had to be moved to the Red Cross building. Bob reported that one attendee coming in said our website was horrible. The map printed out on several sheets and just finding the hamfest information on the website was difficult. Bob reported that several people complained that they sent e-mails regarding hamfest questions and they were not answered. We had far more complaints this time than any previous hamfest and it may affect future attendance.

### Announcements

The Field Day banners were brought to the meeting by Tom, N2VFK and they looked very nice! Hamfest plans will be discussed at the next meeting.

The NJ 350<sup>th</sup> birthday is coming up the Saturday before Field Day and will be discussed at the next meeting.

The OMARC hamfest in Saturday, May 17 at the Diana site on Marconi Road in Wall.

Armed Forces Day is May 17 and OMARC will operate K2USA from the Diana site in Wall.

### Program

Bob, W2OD talked about the Care and Feeding of Sealed Lead Acid Batteries and showed a "Smart" charger that he designed and built from scrap parts from his junk box. He was asked by a couple of members to share the schematic and circuit description which he plans to do.

### Close

The 50-50 door prize of \$18 was won by Charlie, KB2YTM. There being no further business, a motion was made and seconded to close the meeting which was adjourned at 9:04 pm.

## MINUTES OF MAY 21 MEETING

By Bob Buus, W2OD, Secretary

President John King, KA2F called the meeting to order at 7:35 PM at the Red Cross. There were 14 members present. After the pledge to the flag, all present introduced themselves. Marty, N2BMK "volunteered" to sell the 50-50 tickets.

### Health and Welfare

Ralph Ciappa, KC2YNL has been recovering from serious back surgery but came to the meeting in spite of considerable pain.

The mother of Jeff Lambert, N2JFL died in Long Island, NY. Condolences to Jeff and his family.

Past GSARA President Shirley Holzberg, N2KQ became a silent key on May 11, 2014. RIP.

### Secretary's Report

A motion was made by Joe, W2KQ and seconded by Ralph, KC2YNL to accept the secretary's report from the last meeting as it will be published in the June Propagator. The motion passed unanimously.

### Treasurer's Report

Since Treasurer Bruce, K2QXW was absent, the treasurer's report was presented by Bob, W2OD. A motion was made by Joe, W2KQ and seconded by Howard, W2HTS to accept the report and it passed unanimously.

### VE Program

Rich, N3RB was not present but John, KA2F reported that the VE sessions have been a rich source of new members with 11 members joining GSARA since January 1. The next session is at 11 am on Saturday, May 24 at the Red Cross.

### Hamfest

Joe, W2KQ wrote a letter to MOESC asking for some credit from our \$300 fee insofar as the building was not available for restrooms or VE testing. He is awaiting a reply. The fall hamfest will be on September 20 but the location depends upon the response of MOESC to Joe's letter.

### NJ 350 Anniversary

On June 21-22, GSARA will celebrate the 350<sup>th</sup> anniversary of the state of New Jersey by operating special event station N2J from the Red Cross. Operation will start at 8 pm Friday until

about midnight and resume at 10 am Saturday morning until late afternoon. Anyone wishing to operate the station is encouraged to do so.

### 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 two transmitters as well as the indoor operation from the GSARA radio room. After much discussion, it was decided to try to operate as 3F with the outside transmitters operating on 40 and 80 meters and the indoor station on 20, 15, and 10 meters. There will probably also be a GOTA station but we will probably not have a VHF station.

### New Business

Joe, W2KQ expressed an interest in purchasing the small Collins linear amplifier. He was willing to pay \$200 for it and the club agreed that this was a fair price.

Ray, WA1FFT expressed an interest in having a future program on the use of LoTW. John, KA2F will contact Vice Director Bill Hudzik, W2UDT to see if such a program can be arranged.

### Announcements

John, KA2F had motion sensor lights installed on each side of the outside radio room. This greatly enhances the safety of those approaching the room in the dark.

To resolve the ambiguity of our beam heading, John, KA2F have installed a new bezel with directions reversed by 180 degrees. This makes the beam headings correct but now the VHF beam is off by 180 degrees. This "fix" saves an expensive trip up the tower to reorient the beam.

Reserve the afternoon of Sunday, June 8 for a GSARA visit to the InfoAge Learning Center and Museum in Wall Township. This field trip will be in lieu of a program meeting in June.

### Close

The door prize of \$13.50 was won by Tony, KA2ZSI. A second door prize of a Field Day cap (donated by ARRL through Syd, KG2CM) was won by Marty, N2BMK. There being no further business, a motion was made by Marty, N2BMK and seconded by Ralph, KC2YNL to close the meeting which was adjourned at 8:40 pm.

## SHIRLEY HOLZBERG, N2KQ - SK

It is with great sadness that we report that past GSARA President Shirley Holzberg, N2KQ became a silent key on May 11. Services were private and interment was at Beth Israel Cemetery in Woodbridge. Shirley was a retired school teacher and served as Vice President of GSARA in 2001 and President in 2002. She is survived by her husband Herb Holzberg, W2HH.

Originally licensed as KC2APV, Shirley showed her spunk and determination by studying and passing the Extra Class exam in 2002 while serving as President of GSARA. Funeral services were handled by Fiore Funeral Home in Ocean, NJ. May Shirley rest in peace.

---

## MOTHER OF JEFF, N2JFL DIES

The mother of GSARA member Jeff Lambert, N2JFL died in Long Island, NY in May. Our sympathy goes out to Jeff and his family at this trying time. May his dear mother rest in peace.

---

## NJ 350 BIRTHDAY SPECIAL EVENT

King Charles II of England gave the region between New England and Maryland to his brother, the Duke of York (later King James II). In 1664, James granted the land between the Hudson and Delaware Rivers to two friends, Sir George Carteret and Lord Berkeley of Stratton who became the proprietors of New Jersey. Carteret's oldest son Philip was appointed the first governor of New Jersey.

To commemorate the 350<sup>th</sup> anniversary of this grant, GSARA will operate special event station N2J from the Red Cross Headquarters on Friday, June 20 from 8 pm until around midnight and again on Saturday, June 21 from 10 am until late afternoon. You are invited to come to our radio room (the red door in the back of the Red Cross) and help out with the operating.

If you do not wish to operate N2J, at least listen for the station and work it from your home. A special QSL card will be available to commemorate these contacts.

## JUNE 8 FIELD TRIP TO INFOAGE

In lieu of the June 4 GSARA meeting, please mark your calendar for Sunday afternoon, June 8 to visit the InfoAge Museum on Marconi Road in Wall, NJ. GSARA has made reservations to visit the museum as a group at 2 pm Sunday, June 8. We will visit notable exhibits of WW II electronics, antique radios, early computers, NJ shipwrecks and a tour of the building built by Marconi as a dormitory for his radio operators when the site was an early transatlantic radio station.

### From North on the G.S. Parkway or Route 18:

Take G.S. Parkway south to exit 105. Stay to the right and turn right unto Hope Road at the first traffic light.

After about ½ mile, immediately after passing under Rt. 18, take a right turn onto Route 18 South.

Take Route 18 south to exit 7A (Brighton Ave. East)

Take Brighton Ave. East about ½ mile to stop sign.

Turn right onto Marconi Road.

### From South on G.S. Parkway or Route 18:

Take G.S. Parkway north to exit 98.

Take Route 138 east about 1.5 miles to Route 18.

Take Route 18 north to exit 7 (about a mile)

Exit 7 puts you directly on Marconi Road.

The Marconi Hotel is about a quarter mile on Marconi Road on the right. Park in the parking lot and enter through the front door of the hotel.

We will meet in the conference to the right after you enter the front door and will then break into groups if necessary. The doors open at 1 pm and someone will be in the conference room starting at that time. We look forward to seeing YOU there.

---

## HUDSON DIVISION HOME PAGE

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

## CQ FD CQ FD CQ FD JUNE 28-29

As we have done for many years, GSARA will be operating on Field Day which is June 28-29 this year. We are making a major change this year insofar as we will operate outdoors in a portable configuration for two transmitters (40 and 80 meters) and also operate from our radio room on 20 through 10 meters. If we have enough operators, we intend to keep all three transmitters on the air for the entire 24 hours from 2 pm Saturday to 2 pm Sunday.

We also plan to put a Get On The Air (GOTA) station to be operated by those licensed since the 2013 Field Day as well as those who have not been active for some time.

Please attend the June 18 GSARA meeting at the Red Cross to sign up for operating time on either CW or phone (your preference). If you cannot attend this meeting, please let someone who is attending know what your preferences are so we can accommodate them as best we can.

John, KA2F has promised that the food for the operators will be better than it has been in past years so that will certainly enhance the experience of those participating this year.

You are also invited to come to the Red Cross on Saturday morning to help set up the portable stations and portable antennas or come Sunday afternoon to help tear down everything. If you have not experienced Field Day recently, come on out and operate the GOTA station (Elmering will be available). If you have participated in the past, you already know how much fun it can be so come on out and participate so we can attain a high score this year!

---

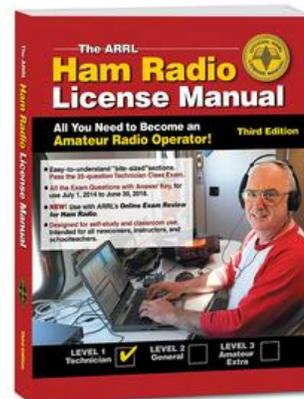
## ARRL EXAM REVIEW WEBSITE

The ARRL has launched a new online resource that allows users to take randomly generated practice exams using questions from the actual examination question pool. ARRL Exam Review for Ham Radio™ is free, and users do not need to be ARRL members. The only requirement is that users must first set up a site login (this is a different and separate login from your ARRL website user registration).

"The ARRL's online Exam Review is designed to help license examination candidates review their progress as they study," said ARRL

Marketing Manager Bob Inderbitzen, NQ1R. "As you complete a chapter or section of a license manual, you can turn to the online program to review all of the related questions taken directly from the examination question pool. After answering each question -- right or wrong -- the correct answer is shown, and a page reference to the license manual is displayed for further review."

Inderbitzen said that when you're close to completing your study, you can take as many practice exams as you like. "The practice exams can be taken on-screen or printed. You won't have any surprises on exam day!" he added.



Inderbitzen said users are encouraged to share feedback and suggestions for improvement with the development team, using the online feedback form linked from the Exam Review site. ARRL Exam Review was designed for ARRL by DHF Systems, the creator of ARRL's TravelPlus for Repeaters™ software.

Education Services Manager Debra Johnson, K1DMJ, pointed out some of ARRL Exam Review features that are intended to help Amateur Radio instructors and schoolteachers. "Instructors have a new online resource at their fingertips," she said. "They can print practice exams anytime and encourage students to review between classes. The site is also mobile-browser friendly, so it can be used on a laptop, tablet, or smartphone, at home or in the classroom."

While ARRL Exam Review is being introduced with the new, third edition of the popular Technician study guide, The ARRL Ham Radio License Manual, the site also supports practice examinations for General and Amateur Extra. An updated Technician class examination question pool becomes effective July 1, and Exam Review will automatically transition to the new question pool on that date.

From *The ARRL Letter*, May 15, 2014

## EARLY SSB EXPERIMENTS

A very interesting SSB-related happening took place in 1956. Air Force General Curtis LeMay had been assigned in 1948 to head the Strategic Air Command. LeMay was well known on the ham bands as Curt, W6EZV. By virtue of SAC's mission, extremely reliable, long-haul communication was necessary. Separate radio operators were being eliminated from bomber crews, and the first thought was that SAC would communicate using HF AM radios. Because of his Amateur Radio background, LeMay had become aware of the value of SSB. So, he had Amateur Radio SSB gear installed in a SAC test aircraft that made two flights from SAC HQ in Offutt AFB, Nebraska -- one to Greenland and one to Okinawa -- while making SSB contacts all along the way on the ham bands! In addition to LeMay as an operator, two civilian operators were on board -- Art Collins, W0CXX (Collins Radio), and Leo I. Myerson, W0GFQ (World Radio Labs). A lot of hams around the world received treasured QSL cards from contacts made with that rare aeronautical mobile.

Soon thereafter, SAC announced its decision to install HF SSB equipment on its bombers and other aircraft. As you can see, Amateur Radio lent a helping hand to SAC and our nation's defense posture, back in the day when the Cold War was getting very chilly.

*From The ARRL Letter, May 22, 2014*

---

## 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.

## FUNCUBE-2 LAUNCH JUNE 19

Sponsors of the FUNcube Project -- a joint initiative of [AMSAT-UK](#) and [AMSAT-NL](#) (Netherlands) -- have announced that FUNcube 2 will launch from Russia on June 19. The initial plan of the now 4-year-old project was to design, build, and launch a single spacecraft. As further flight opportunities have become available over the past months, however, the FUNcube Project has expanded. [UKube-1](#) will "host" FUNcube-2 -- actually a set of FUNcube boards that will fly as a sub-system of the 3U UKube-1 CubeSat. Its goals are identical to those of FUNcube-1 -- to support science, technology, engineering, and mathematics (STEM) initiatives now underway in the US, the UK, and elsewhere. The target audience is primary and secondary school students.

"It is believed that, immediately after deployment and activation, UKube-1 will commence transmitting a CW beacon, and that this will be later followed by an AX25, 1k2 BPSK beacon," [AMSAT-UK](#) announced on May 7. "Both beacons will be on 145.840 MHz. The FUNcube-2 payload, with its telemetry downlink for educational outreach, is expected to be tested later."

FUNcube-2 will include a 400 mW inverting SSB/CW transponder (435.080-435.060 MHz up/145.930-145.950 MHz down), with a beacon on 145.915 MHz. The UKube-1 satellite, being built by [Clyde Space](#) in Glasgow, Scotland, would be the UK Space Agency's first CubeSat, as well as the first satellite built in Scotland.

Believed to be not too far down the road, a FUNcube-3 400 mW transponder-only payload on the pre-cursor QB50P1 CubeSat host is planned for launch "no earlier than the second half of June" on a Dnepr LV vehicle from Russia. Initial beacon signals from the main transceiver are expected to be AX25, 1k2 BPSK packets on 145.815 MHz. Read [more](#).

*From The ARRL Letter, May 15, 2014*

---

## GSARA BUS TO ARRL CONVENTION

Don't forget the GSARA bus trip to the ARRL Centennial Convention on Saturday, July 19. Reserve your seat now!

## ALPHA AND TEN-TEC TO MERGE

Two major American Amateur Radio manufacturers are joining forces. Alpha Amplifiers and TEN-TEC have announced that they will merge under the RF Concepts brand. The announcement came May 9 in Longmont, Colorado, where RF Concepts and Alpha are headquartered. TEN-TEC, the older of the two concerns, is located in Sevierville, Tennessee. The merger creates a multi-million-dollar company with a product line that extends from QRP transceivers to legal-limit amplifiers. RF Concepts/Alpha Amplifiers has been in business since the early 1970s and has produced more than 13,000 amps. TEN-TEC, founded in 1968 as a maker of transceivers for the QRP community, has expanded its line over the years to include a range of transceivers -- from basic to top-tier -- receivers, tuners, amplifiers, and accessories. While there is a small overlap in the companies' respective product lines, RF Concepts Chairman Michael Seedman, AA6DY, called the union "the perfect combination of Amateur Radio brands."

"For more than 40 years, Alpha Amplifiers and TEN-TEC have shared a reputation in the Amateur Radio market for offering exceptionally well-engineered, American-made products backed by extraordinary customer service," said Seedman. "Alpha Amplifiers is known for 'key-down performance,' and TEN-TEC is known for pushing the boundaries of transceiver performance and capabilities." Such a merger "makes perfect sense," he added, pointing out that the merger will more than double the size of RF Concepts, allowing it "to invest more capital in innovative engineering and customer-driven product development."

Plans call for RF Concepts to share operations between its Colorado and Tennessee locations, and the company is looking for a new operations facility in the Sevierville area that would house manufacturing as well as some engineering resources as well as technical and customer support services. TEN-TEN had announced that it would not be holding its annual hamfest in Tennessee this year, due to plans to relocate its headquarters this fall. TEN-TEC announced "a massive moving sale" during September. The Colorado facility will house engineering resources, technical and customer support services, and much of the front-office operation.

Announcement of the merger came a week before Dayton Hamvention®, where both Alpha and TEN-TEC will continue to operate separate booths. Alpha will be demonstrating its not-yet-released DreamTuner 4040 Automatic Antenna Tuner, while TEN-TEC will unveil the Patriot, an open-source, Arduino-based SSB transceiver.

The two companies are privately held, and terms of the merger were not disclosed. [Read more.](#)

From *The ARRL Letter*, May 15, 2014

---

## TEN YEARS AGO

From the June 2004 Propagator: Ray Lett, W2NXG (SK) is planning a big Kid's Day event in Matawan with participation by the Girl Scouts. The club's PE95 generator on a trailer has to be moved from Rich, K2CPE. Jeff, N2LXM volunteered to take it and perform the necessary maintenance. Tony Tarantino, KA2ZSI had triple by-pass surgery. Nena Puryear, N2WAY (SK) was in the hospital with complications of diabetes. GSARA will be operating from the MARS station on Field Day as class F. Interference from BPL was a hot topic of much concern. There was a humorous counter-proposal by N2ZD for Hamming over Power Lines (HPL) whereby we feed unlimited power over the power lines instead of using antennas. ARRL was promoting their 90<sup>th</sup> anniversary.

---

## FIFTEEN YEARS AGO

From the June 1999 Propagator: A new Roster was published and sent with the May Propagator listing 133 members (our latest Roster has 62 members). Frank Gunther, W2ALS died on May 24. Dave Mutterer, N2IDF joined GSARA. Tom Cosgrove, N2VFK received a Public Service award and Rich KB2MUN (SK) received the Elmer award from QCWA.

---

## TWENTY YEARS AGO

From the June, 1994 Propagator: Mike Begala, K2CTJ (SK) was given a Life Membership Award for his years of service to GSARA. He was also featured in a "Getting to Know You" article in this issue

---

**CQ FD CQ FD CQ FD JUNE 28-29**

## NOTES ON CALENDAR (see next page)

Large Call letters denote birthdays e.g. **KC2RRP** on June 1. All times are EDST. Contests are listed in the June QST, p. 77.

May 27-June 3 – **W1AW/0 (Missouri) and W1AW/7 (Wyoming)** from 8 pm Tues. to 8 pm Tues.

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

June 2 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

June 3 – **Old Barney VE Session** at 6:30 pm in Manahawkin. Contact Urb Le Jeune, W1UL at 609-296-5856 or [urb@w2dec.com](mailto:urb@w2dec.com)

June 3 – **Old Barney ARC Meeting** at 7:30 pm in Manahawkin, NJ. See <http://www.obarc.org>

June 3-June 10 – **W1AW/4 (Alabama) and W1AW/5 (Louisiana)** from 8 pm Tuesday to 8 pm Tuesday.

June 3 and every following Tuesday – **GSARA Net** on 147.045 PL=67 at 8:30 pm.

June 3 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

June 4 – **No GSARA Meeting** at the Red Cross. InfoAge Field Trip on June 8 instead.

June 4 - **W1AW Qualifying Run** at 10 pm (10-35 wpm). See [www.arrl.org/qualifying-run-schedule](http://www.arrl.org/qualifying-run-schedule)

June 5 - **HCARC meeting** at 7 pm at Holiday City South Clubhouse in Toms River.

June 8 – **GSARA Field Trip to InfoAge Museum** at 2 pm. See page xxx.

June 9 -. **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

June 10-June 17 – **W1AW/5 (Arkansas) and W1AW/0 (Minnesota)** from 8 pm Tuesday to 8 pm Tuesday.

June 11 – **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)

June 12 – **JSARS meeting** in Riverwood Park Rec. Building, Rt. 527 and Riverwood Drive at 7:30 pm.

June 14 – **OMARC Meeting** at 9:00 am at the Diana Site on Marconi Road in Wall. Guests welcome.

June 14-15 – **ARRL June VHF Contest**, all modes from 2 pm Saturday to 11 pm Sunday. See <http://www.arrl.org/contests>

June 16 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

June 17 – **W1AW Qualifying Run** at 7 pm (10-35 wpm). See <http://www.arrl.org/qualifying-run-schedule>

June 17-June 24 – **W1AW/7 (Montana) and W1AW/KL7 (Alaska)** from 8 pm Tues. to 8 pm Tues.

June 18 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Regular business meeting.

June 19 – **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](mailto:wa2nda@comcast.net).

June 20-21 – **N2J Special Event Station** from 8 pm Friday to 4 pm Saturday at the Red Cross commemorating 350<sup>th</sup> birthday of New Jersey. See p. xxx.

June 21 – **Kid's Day**, Phone from 2 pm to 7:59 pm. See <http://www.arrl.org/kids-day>

June 23 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

June 24-July 1 – **W1AW/3 (Maryland) and W1AW/9 (Illinois)** from 8 pm Tuesday to 8 pm Tuesday.

June 28 – **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](mailto:n3rb@aol.com)

June 28-29 – **ARRL Field Day**, all modes from 2 pm Saturday to 2 pm Sunday. See <http://www.arrl.org/contests>

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

June 30 – **DX Interest Group**, Check with Joe, W2KQ as to time and place. See page 2.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 <b>KC2RRP</b> InfoAge	2 ARES/RACES 7:30	3 OBARC GSARA Net 8:30 QCWA News 9 PM	4 No GSARA Mtg. CW Qual. Run	5 Hol. City Mtg.	6	7
8 GSARA Trip to InfoAge	9 RACES Net 7:30	10 GSARA Net 8:30 QCWA News 9 PM	11 Hol. City VE	12 <b>KD2FHT</b> <b>KY2S</b> JSARS Mtg.	13 <b>KA2ZSI</b>	14 OMARC Mtg VHF Cntst
15 <b>KA2F</b> <b>W2HAM</b> VHF Cntst InfoAge	16 ARES/RACES 7:30	17 CW Qual. Run GSARA Net 8:30 QCWA News 9 PM	18	19 JSARS VE	20 N2J Spel Evt	21 <b>WB2KCV</b> N2J Spel Evt Kid's Day
22 InfoAge	23 ARES/RACES 7:30	24 GSARA Net 8:30 QCWA News 9 PM	25	26 <b>N2LXM</b>	27 <b>W2HTS</b>	28 GSARA VE 11am Field Day
29 Field Day InfoAge	30 DX Mtg. RACES Net 7:30					



G.S.A.R.A.

8 DONNER STREET

HOLMDEL, NJ 07733

FIRST CLASS