



THE PROPAGATOR

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

NOVEMBER 2016

UPCOMING GSARA MEETINGS

The next GSARA meeting will be on **Wednesday, November 2 at 7:30 PM** at the Red Cross. The program will feature our new NNJ Section Manager Steve Ostrove, K2SO who will introduce himself and solicit our concerns regarding ARRL. Light refreshments will be served and guests are welcome.

The second meeting in November will be held on **Wednesday, November 16 at 7:30 PM** at the Red Cross. This will be a regular business meeting. Refreshments will be served.

GSARA NET 8:30 PM TUESDAYS

GSARA members meet on the Asbury Park repeater every Tuesday at 8:30 pm. In the 4 sessions in October we had 24 check-ins for an average of 6 per session. The following 11 members checked into this net (number of check-ins in parenthesis):

KD2LLJ (4), W2OD (4), N2HGI (3), N2JNG (3), K2ARK (2), W2LAF (2), KC2YNL (2), N2BMK (1), KA2F (1), WA1PCY (1) and WB2RPW (1).

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

VE TEST SESSION NOVEMBER 26

The GSARA monthly test session will be held at the Red Cross on Saturday, November 26 at 11 am. The fee is \$15 and you should bring the original and a copy of any amateur license presently held and the original and one copy of any credit (CSCE) forms that you have (copies will be sent in with your test results). Also bring 2 forms of ID with one being a photo ID. For more information, contact Rich Bilon, N3RB at 732-972-1397 or n3rb@arrl.net.

WELCOME NEW MEMBER

Please welcome returning member Randy Kulzer, N2CUG from Spring Lake Heights. He is a retired software engineer and holds an Extra class license. A member of the ARRL, Randy is active on 10 meters as well as VHF/UHF. Randy was previously a GSARA member from 2009 to 2011. Add to your Roster:

Randy Kulzer, N2CUG
76 Willow Lane
Spring Lake Heights, NJ 07762
732-272-2490
rkulzer@use.net

A warm welcome back to Randy.

AOL MISSING ARRL MAILINGS

Since late September, ARRL has experienced intermittent problems delivering bulk e-mail products, such as *The ARRL Letter* and Section Updates, to member subscribers with AOL e-mail addresses. The problem is that AOL is not accepting all messages ARRL is sending; some make it through to the subscriber, and some do not. The League has open trouble tickets with AOL regarding this issue, but has not yet received any substantive responses. As a result, there is no estimated time frame to resolve this problem. Delivery to all other major Internet Service Providers continues to operate normally. If you have an AOL.com e-mail address and have been affected by this, ARRL suggests that you set up a *new* e-mail account with another provider and change the e-mail address in your member profile to the new account (click on "Edit your Profile" on the ARRL home page, after logging in). This problem is *not* specific to ARRL, as many other organizations are reporting the same problems with their AOL subscribers.

From *The ARRL Letter*, October 20, 2016

GSARA OFFICERS

President	W2HTS	Howard Suffill	460-1885
Vice Pres.	K2REM	Rem Hunnewell	889-6692
Secretary	W2OD	Bob Buus	946-8615
Treasurer	KA2F	John King	942-7705
Engineer	W2EPD	George Graulich	255-7916
Webmaster	K2CYS	Cy Stanway	768-7773
Publicity	Open		
Repeater	N2LXM	Jeff Harshman	922-0816
Radio Room Phone		732-493-9100, X1252	
Trustees	W2KQ	Joe Dreifuss	493-4236
	W2OD	Bob Buus	946-8615
	W2HAM	Lou Russo	842-6431

FRIDAY BLUE SWAN LUNCHEONS

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

PATCHES

We have GSARA patches available at all meetings and they cost \$3.

OUTGOING QSL CARDS

If any GSARA members wish to combine their QSL cards that are going through the outgoing ARRL Bureau, please bring them to the next GSARA meeting along with the label from a recent QST Magazine (you must be an ARRL member to participate in this program). Ray, WA1FFT will then send them on to ARRL at no charge to GSARA members. It couldn't be much easier than that to QSL. You are registered at the W2 incoming bureau, aren't you?

PROPAGATOR NOW ON THE WEB

The *Propagator* is available as a PDF file at:

<http://www.gardenstateara.org>

Click on "The Propagator" and then select the month you want.

GSARA HOMEPAGE

<http://www.gardenstateara.org>

HUDSON DIVISION HOME PAGE

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

EDITOR'S NOTES

There are only two more Public Service events this year in October (see page 5). The Juvenile Diabetes walk in Avon only needs a few operators on Sunday morning, October 9. The CROP walk needs more operators on the afternoon of October 16. All you need to help is a Technician license and a 2-meter rig. Contact Tom, N2VFK to volunteer.

Please welcome our new NNJ Section Manager, Steve Ostrove, K2SO (see page 6). He is scheduled to talk at our November 2 program meeting which will be an opportunity to get to know him better. I wish to extend a big THANK YOU to outgoing NNJ SM Rich Krohn, N2SMV. Rich will continue to be heavily involved in ARES/RACES.

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

73 de Bob, w2od@arrl.net

MINUTES OF OCTOBER 5 MEETING

By Bob Buus, W2OD

President Howard Suffill, W2HTS called the meeting to order at 7:30 pm. There were 14 members and 2 guests present. The guests were Dickie Cox (a friend of W2IWW) from Long Branch who is interested in becoming a ham and former member Randy Kulzer, N2CUG from Spring Lake Heights. After the pledge to the flag, all present introduced themselves and gave a few words about what they are up to.

Health and Welfare

Bob, W2OD reported that Ralph, KC2YNL was on the GSARA net the previous night but is not doing well with his blood sugar and his blood pressure so he is unable to come to the meeting.

Old Business

Bob, W2OD noted that the deadline for purchasing tickets to the Hudson Division Award Luncheon is coming October 14 and asked if enough GSARA members would be going so we could populate a table of 10 and save some money. John, KA2F suggested that we each purchase our individual tickets at \$37 and if we have 10 or more attendees, he will negotiate to get a credit for the lower price.

Joe, W2KQ reported that the nominating committee has come up with a slate of candidates to serve for 2017. All officers remain as they are this year and Arek, AC2FC has agreed to serve as Chief Engineer for 2017.

Program

Bob Buus, W2OD gave a Power Point presentation on operating ethics on phone as approved by the IARU. Afterward, several asked for a copy of the material and Bob agreed to send to all members the URL where the book and slide presentation are available for download.

Announcements

The Bergen Amateur Radio Association will be holding their Fall Hamfest on Saturday, October 8 in Washington Township in North Jersey.

The Walk for Juvenile Diabetes is Sunday, October 9 in Avon. Only 3 or 4 operators are needed to staff the rest stops. See Tom, N2VFK at n2vfk@verizon.com or 732-842-6020.

The CROP Walk in Red Bank is Sunday, October 16 in the afternoon. About 8 operators are needed for the rest stops and sag wagons. See Tom, N2VFK at n2vfk@verizon.com or 732-842-6020.

Close

The door prize of \$16 was won by Jeff, N2LXM. There being no further business, a motion was made to adjourn the meeting which was closed at 9:20 pm.

MINUTES OF OCTOBER 19 MEETING

By Bob Buus, W2OD, Secretary

President Howard Suffill, W2HTS called the meeting to order at 7:41 PM at the Red Cross. There were 11 members and one guest present. The guest was Al Piombino, KB1MSM from the Red Cross. After the pledge to the flag, all present introduced themselves and briefly described their recent amateur radio activities. Rem, K2REM is making good progress with his tower/antenna installation. Len, WA1PCY completed his Cervantes award. Bob, W2OD is fighting bugs in his turns counter project.

Health and Welfare

John, KC2YWL reported that he visited Ralph, KC2YNL about 10 days ago and he seemed to be doing OK.

New Members

An application for membership was received from Randy Kulzer, N2CUG from Spring Lake Heights, NJ. He holds an Extra Class license and is active on 10 meters and several VHF/UHF bands. He is a retired Software Engineer and is a member of the ARRL. Since Randy was previously a member of GSARA, the \$2.00 initiation fee was waived and it was suggested that since he is joining so late in the year, we will accept his dues payment of \$15 to carry him through 2017. A motion was made by Rem, K2REM and seconded by Hunter to accept Randy as a member of GSARA. The motion passed unanimously.

Secretary's Report

A motion was made by Hunter and seconded by Art, W2NAZ to accept the minutes of the October 5 meeting as they will be published in the

November Propagator. The motion passed unanimously.

Treasurer's Report

Treasurer John King, KA2F was absent so there was no Treasurer's report.

Nominating Committee Report

Joe, W2KQ was late getting to the meeting but had given his report to Howard, W2HTS who read the following slate of candidates to serve as officers for GSARA in 2017:

President: Howard Suffill, W2HTS
Vice President Rem Hunnewell, K2REM
Secretary: Bob Buus, W2OD
Treasurer: John King, KA2F
Chief Engineer: Arek Tarniowy, AC2FC

Howard then opened the floor to any other nominations. With none being presented, the floor nominations were closed. The vote for the above officers will be taken at the November 16 GSARA meeting.

Public Service

The last two Public Service events of the year were the Juvenile Diabetes walk in Avon on October 9 and the CROP walk on October 16. Unfortunately, there were not enough volunteers to provide communications for the Juvenile Diabetes Walk so our support was canceled. We did better on the CROP walk with several last-minute volunteers to make that a successful effort.

Announcements

Al, KB1MSM would like to know if there are any Tech to General one-day cram sessions. He would be interested in attending one.

Close

There being no further business, a motion was made by Rem, K2REM and seconded by Hunter to close the meeting which was adjourned at 8:25 pm.

NEW! ARRL DXCC LIST & CALENDAR

The ARRL DXCC List – 2016 Edition is the official source of DXCC information. It includes all 339 current DXCC entities on the ARRL list. This new edition includes a complete listing of DX Century Club rules including the latest changes and clarifications.

Also new is the 2017 ARRL Calendar featuring photos from the 2016 year-long ARRL National Parks on the Air event. It includes:

- ARRL Contests and other major events
- Phases of the moon and meteor showers
- Holidays and other important dates
- 2017 Monthly Planner
- Bonus Month (January 2018)

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Order Bundle Item No. 0106B online at www.arrl.org/shop or call toll-free at 1-888-277-5289 Monday through Friday 8 AM to 5 PM. Hurry! Offer ends Monday, October 31, 2016.

RATES UP FOR OUTGOING QSLs

Although ARRL believes it's important to maintain the long-standing tradition of the [ARRL Outgoing QSL Service](#) as a membership benefit, increased administration costs will require an increase in rates, in order to keep the Service available and viable.

"The Service has been a member benefit for decades," an ARRL statement said. "Since its official formation in November 1976, tens of millions of QSL cards have been shipped from ARRL Headquarters to Amateur Radio QSL bureaus of other national societies worldwide. At one time, this benefit offered a safe, reliable, and inexpensive way to exchange QSL cards for a fraction of the cost of the postal service. What amateurs saved in financial cost, however, was made up for in time; it could take months, or even years, to send and receive a QSL through the bureau."

Effective on November 1, the rate for 1 ounce of outgoing QSLs via the Service will increase to match the 1 ounce USPS international postage rate. As of September 2016, this rate is \$1.15 per ounce -- about 10 cards. An additional service fee of \$7 will be charged per individual transaction, to cover administrative costs.

Calling the Outgoing QSL Service "a significant tradition in the world of Amateur Radio," the League said it's committed to keeping that tradition and service alive for members who enjoy using it.

From *The ARRL Letter*, September 29, 2016

COWS OVER THE WORLD QRT

The one-man "Cows Over the World" DXpedition has ended -- prematurely, abruptly, and on a sour note. Tom Callas, KC0W, reported that a theft this week in Kiribati has left him with nothing and that his Cows DXpedition is "permanently QRT."

"Everything I own was stolen on 28 September from here in Kiribati," Callas posted on his [QRZ.com page](#). "They took all the radios, computers, amplifiers, antennas, coax, *everything*. They even took my clothing and shoes. I have *nothing* left. I type this with tears in my eyes."

The Cows Over the World DXpedition got under way last spring, when the Minnesota DXer fired up as KH8/KC0W from American Samoa. Other stops followed, and, after a brief hiatus, Callas last week announced plans to resume with his T30COW operation from Western Kiribati. He had been financing the round-robin DXpedition on his own.

All call signs in the all-CW DXpedition tour included a "COW" suffix. In addition to T30COW, the "Cows" DXpedition has included operations such as 5W0COW, T2COW, and YJ0COW. Announced plans to operate from the Solomons, Tokelau, Bangladesh, and other locations now are off the table.

The Daily DX reported on September 29 that Callas had received "a money transfer" and now will head back to the US. "It's been a major financial blow, but I will pull through," Callas told *The Daily DX*. -- *Thanks to The Daily DX for some information*

From *The ARRL Letter*, September 29, 2016

LoTW NEEDS UPDATED TQSL

As of 1400 UTC on January 16, ARRL's Logbook of The World (LoTW) no longer will accept contacts that have been digitally signed by versions of *TQSL* earlier than version 2.0. Users of earlier versions are encouraged to upgrade as soon as possible, as older *TQSL* versions contain uncorrected defects and display inaccurate error messages. The current versions of *TQSL* for Windows, OS X, and Linux are available online at <https://lotw.arrl.org/lotw-help/installation/> --
Thanks to Norm Fusaro, W3IZ

From *The ARRL Letter*, September 29, 2016

SCHOLARSHIP APPS INVITED

The [ARRL Foundation](#) will begin accepting scholarship [applications](#) on October 1 from eligible radio amateurs planning to pursue post-secondary education in the 2017-2018 academic year. Completed applications must be received by January 31, 2017. Individuals and clubs support many of the more than 80 [scholarships](#), ranging from \$500 to \$5,000, that are awarded annually. Applicants for all scholarships must be active radio amateurs and must complete and submit the online [application](#).

"The ARRL Foundation Board of Directors is very pleased to be entrusted with managing this program. The scholarship program is a wonderful way to encourage students to continue their Amateur Radio activities while assisting them with the costs of their higher education," says ARRL Foundation Secretary and ARRL Development Manager Lauren Clarke, KB1YDD. "All ARRL Foundation scholarships are made possible by individuals or clubs, and we are grateful for their support."

The Foundation reported that 81 radio amateurs were the recipients of 2016-2017 academic year scholarships it administered. Awards totaled \$120,150.

Students planning to apply for 2017-18 academic year awards should first carefully review the [eligibility requirements](#) and [scholarship descriptions](#). Although only one application per applicant is required, applicants may ask to be considered for as many of the scholarships for which they are eligible (some scholarships have [geographic criteria or other requirements](#)). Check off only the scholarships for which you would like to be considered. In addition to completing the online application, applicants must [submit](#) a PDF of their academic transcript from their most recently completed school year (e-mailed to foundation@arrl.org).

Applications are due by January 31, 2017, by 11:59 PM ET. *Applications without accompanying transcripts will not be considered.* Award winners typically are notified in mid-May by USPS mail and e-mail.

For more information about ARRL Foundation scholarships, [e-mail](#) the ARRL Foundation or call 860-594-0348.

From *The ARRL Letter*, September 29, 2016

BOOK REVIEW

By Bob Buus, W2OD

The book "*World War II Radio Heroes*" was recently donated to the GSARA library by Ed Piotrowski, WB2KCV. This short book of about 70 pages was privately published by the author, Lisa L. Spahr in 2008. In 2006, Lisa opened a "war trunk" belonging to her grandfather, Private Robert May Spahr who served in World War II and was taken prisoner by the Germans in 1943. He served 26 months as a POW. In the trunk were nearly 70 letters sent to Lisa's grandmother from SWLs who listened to Radio Berlin on short wave.

A program, *Calling Back Home* featured Axis Sally who read names of POWs, their next of kin, and sometimes a short message. The Germans felt that this propaganda would be demoralizing to the Americans and the U.S. government discouraged people from listening. Based on their listening, the SWLs (and some Hams) reported through letters and post cards that Lisa's grandfather was alive as a POW and Lisa's grandmother found that very reassuring. In fact, all these letters from strangers were kept in the trunk to be discovered by Lisa 60 years later. Twenty-four of the letters received from strangers are reproduced in the book.

Although the book illustrated an interesting aspect of World War II that I was unaware of, I felt that the book was too long for the subject and might have made an interesting magazine article rather than a book. However, it doesn't take long to read (unless you try to decipher some of the handwriting in the letters) so some may find it interesting.

THAILAND'S KING, HS1A - SK

Thai King Bhumibol Adulyadej (Rama IX), HS1A, died on October 13, after a long period of declining health. Born in Massachusetts while his physician father was at Harvard University, the king, whose name translates as "strength of the land, incomparable power," was 88. Noted DXer Fred Laun, K3ZO/HSØZAR, said the king was never very active on the air, and mostly operated using a handheld on 2-meter FM. The king also enjoyed photography and jazz, and played the saxophone.

The king was the patron of the Radio Amateur Society of Thailand (RAST), the country's IARU member society. According to RAST, the king was "presented the call sign HS1A by the Ministry of Communications" in a 1989 ceremony. He was the world's longest-reigning monarch. -- *Thanks to The Daily DX and other media outlets*

From *The ARRL Letter*, October 20, 2016

AROUND THE WORLD CYCLIST BACK

Round-the-world cyclist Thomas Andersen, OZ1AA/K9DXX, is back home in Denmark after a little more than 6 1/2 years of on-and-off cycling. On October 8, Andersen arrived at the spot where his Odyssey began -- the central square of Copenhagen. Begun in 2010, Andersen's "[Cycling the Globe](#)" adventure covered some 36,000 miles.

"Best wishes from Copenhagen where I'm resting my legs now," the 33-year-old telecommunications engineer said. "It was very special for me to cycle into the City Hall Square in Copenhagen -- the exact same place where I left by bike in October 2010. I was thinking about all the fascinating places I have seen and all the amazing people I have met in those 6 years -- the best 6 years of my life."

Andersen said that after his arrival, he went to the local radio club and, using special event call sign OZ1BIKE, made some 200 contacts with stations all over Europe and America, including some he had visited on his trip. "I...imagined their shacks and antennas as they called in," he said. "So many great memories."

"For me, the chance to meet new people, to make new friends, and to see and learn about their way of life is the true highlight of the trip," Andersen told ARRL in 2015. "Ham radio certainly plays a big role in making that possible."

"Now it already feels strange not to be cycling anymore," Andersen said this week, "but the weather has turned cold and rainy here in Copenhagen, so I enjoy being indoors for now."

From *The ARRL Letter*, October 13, 2016

"Live like you may die tomorrow,
Learn like you will live forever."
Mahatma Gandhi

SAMUEL F. B. MORSE

By Bob Buus, W2OD

Samuel F. B. Morse was an American artist who was painting in Europe when he received a job offer to become Professor of Art at the College of New York (now New York University). He set sail to New York in 1832 on the SS Sully. While on board, he made the acquaintance of Dr. Charles Jackson who informed Morse of a new invention called the electromagnet which converted electricity to a magnetic force. After many lengthy discussions during the crossing, Morse came up with the idea of communicating by sending electricity along a wire to energize an electromagnet at the far end. Unknown to Morse, Joseph Henry had accomplished the same thing with his remote bell he had wired in his house two years earlier.

While teaching at the College of New York, Morse proceeded to build a model of his telegraph. He hung a pendulum from an artist's easel and placed an electromagnet that, when energized, would deflect the pendulum. He placed a pencil at the end of the pendulum and moved a strip of paper under the pencil such that as the pendulum moved, a wavy line would be produced on the paper. This comprised his receiver. For transmitting, he drew a notched stick across a spring contact in series with a voltaic pile (battery) to send pulses of electricity to the far end receiver. By varying the number of pulses, he could send the digits 1 through 9 with 10 pulses being a zero. Then with an associated dictionary, he could assign each message a unique number which could be decoded at the far end with an inverse dictionary to recreate the desired message (similar to ARL numbered radiograms still used today).

Morse demonstrated his system at the College of New York in 1837. Although the demonstration did not work well, a student named Alfred Vail attending the demonstration was intrigued by the idea and asked to work with Morse on perfecting the idea. Vail's father owned an iron works in Morristown, NJ and would help finance further work.

Knowing the difficulties Morse was experiencing with the electromagnet, a fellow Professor Gale recommended that Morse consult with Professor Henry at Princeton. This Morse did and Joseph Henry showed him how to make

an intensity magnet to operate over a long wire. He also showed Morse how to use a relay to successfully operate over longer distances. With this information and some clever innovations made by Alfred Vail, Morse then developed a working telegraph system. By giving a crooked congressman a piece of his telegraph company and with a letter of recommendation from Joseph Henry attesting to the good design of Morse's system, congress approved a \$30,000 grant in 1843 for Morse to construct an experimental telegraph line from Washington, DC to Baltimore. This was successfully completed in 1844 with the famous "What hath God wrought" message sent on May 24, 1844.

Henry had repeatedly told Morse that the electromagnet and relay were in the public domain and could not be patented. When he found that Morse had applied for a patent including Henry's contributions, he was sure that it would not be granted since Henry's contributions were in the public domain. But the patent was eventually granted and this irritated Henry.

When Vail published a book on the history of the telegraph in 1845, no mention was made of Henry's contributions. Henry expressed his anger at this oversight to Morse who said he was unaware of the content in Vail's book (highly unlikely) and that the book would be revised in subsequent printings to give Henry proper credit. But this didn't happen in the next edition of Vail's book and this caused a permanent rift between the two men.

Why did Morse deliberately ignore the significant contributions that Henry made to his telegraph? I think he feared it would weaken his patent claims which were challenged by many other inventors. As always, greed trumps integrity. But now you know who really invented the telegraph.

LoTW PASSWORDS

An upgrade to the password checking mechanism that authenticates Logbook of The World ([LoTW](#)) users has caused log-in problems for some clients. Under the system in place prior to approximately 2300 UTC on September 19, the LoTW log-in system ignored the case of any characters in a password when checking for a

match, storing them all as lowercase. The new system is case-sensitive, however.

Some users attempting to log in with mixed-case passwords were rejected, however, because the system had stored their passwords as all lowercase. A subsequent modification allows the system to accept a user's mixed-case password and changes the stored password to the user's mixed-case specification. The issue also can present problems for applications, such as logging programs, that employ a user's credentials to access a LoTW account.

Users who encounter trouble logging in to LoTW are being asked to enter their passwords in all lowercase. If that doesn't work, [contact](#) the LoTW Help Desk or explore [other methods](#) available for LoTW.

Any LoTW users who logged in before this modification was made -- at around 2300 UTC on September 19 -- had their passwords stored in lowercase, no matter which case they used in entering them. These passwords now must be entered as lowercase. Users who have changed to a new password with mixed-case letters must continue to enter their passwords in mixed-case letters.

ARRL apologizes for underestimating the extent of the problems that would be caused by the lack of password case-sensitivity in the previous LoTW authentication mechanism.

From *The ARRL Letter*, October 6, 2016

LOOKING FOR TRI-BAND BEAM

I was an active ham for many years but about 5 years ago I decided to bow out and pursue other interests. This involved taking down the tower and selling off everything. At 74, I no longer could strap on a safety belt and head skyward. However, the bug bit me again so I bought a new Alinco DX SR8 then put up a dipole. While this is a start, I am now looking for a small tri-band beam similar to the Hy Gain TH-3JRS that can be mounter on the roof of the house. Does anyone in your club have something like this for sale?

Charles Burke, WA2SLK
chas.burke@verizon.net
<http://www.chasburke.com>

FIVE YEARS AGO

From the November 2011 Propagator: John King, KA2F just published his latest book, "*Wicked Tales from the Highlands.*" GSARA will hold a Christmas covered dish party at the Red Cross on December 7. A Roster was attached and showed 60 members. Phil O'Donnell, W2LNB became a silent key. First Class postage is going up a penny to 45 cents.

TEN YEARS AGO

From the November 2006 Propagator: The FCC released the anticipated "omnibus" Amateur Radio Report and Order that expands the HF phone bands at the expense of the CW bands. Novice and Tech Plus are allowed to operate CW on the General CW bands. Bob, W2OD had a tutorial article about wiring Ethernet cables with RJ-45 connectors.

FIFTEEN YEARS AGO

From the November 2001 Propagator: The wife of Mike, KC2Q passed away after 41 years of marriage to Mike. Don Pingitore, KG2NV is encountering problems in putting up a tower. Sailor David Clark, KB6TAM is entering his final leg of sailing solo around the world in his attempt to become the oldest person to sail solo around the globe. An upcoming X-Files episode has star Robert Patrick tapping out Morse code and will be aired in December.

TWENTY YEARS AGO

From the November, 1996 Propagator: GSARA is holding A Dinner Dance at the Fort Monmouth Officer's Club. Gerry Silverman, WB2GYS became a silent key on October 16. GSARA participated in 5 Public Service events in October. We just broke even with the Shore Area Hamfest since attendance was down significantly.

TWENTY-FIVE YEARS AGO

The highlights from the Oct.-Nov. 1991 Propagator were reported last month.

THIRTY YEARS AGO

I do not have a Propagator for November 1986.

NOTES ON CALENDAR (see next page)

Large Call letters denote birthdays e.g. **W2UTR** November 3. All times through November 5 are EDST, all times after are EST. Contests are listed in the November QST, p. 94.

November 1 – **Old Barney VE Session** at 6:30 pm in Manahawkin. Contact Urb Le Jeune, W1UL at 609-296-5856 or urb@w2dec.com

November 1 – **Old Barney ARC Meeting** at 7:30 pm in Manahawkin, NJ. See <http://www.obarc.org>

November 1 and every following Tuesday – **GSARA Net** on 147.045 PL=67 at 8:30 pm.

November 1 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 pm.

November 2 - **W1AW Qualifying Run** at 9 am (10-35 wpm). See November 2016 QST page 103 and www.arrl.org/qualifying-run-schedule

November 2 – **GSARA Program Meeting** at 7:30 pm at the Red Cross. Program features our new NNJ Section Manager Steve Ostrove, K2SO. Light refreshments will be served.

November 3 - **HCARC meeting** at 7 pm at Holiday City South Clubhouse in Toms River.

November 4 and every Friday – **Lunch at the Blue Swan Diner** in Ocean at noon. Table at back left.

November 5 – **Hudson Division Awards Luncheon**, noon to 4 pm in Newburgh, NY. See http://www.ocarc-ny.org/HV_awards.shtml

Nov. 5-6 – **ARRL CW Sweepstakes**, HF from 5 pm Saturday to 10 pm Sunday. See <http://www.arrl.org/sweepstakes>

November 5 – **Change Clocks Back** one hour at Bedtime for Eastern Standard Time starting Sunday.

November 6 and every Saturday, Sunday and Wednesday – **InfoAge Marconi Hotel** open from 1 to 5 pm on Marconi Road in Wall.

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

November 9– **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

November 10 – **JSARS meeting** in Riverwood Park Rec. Building, Rt. 527 and Riverwood Drive at 7:30 pm.

November 12 – **OMARC Meeting** at 9:00 am at the Diana Site on Marconi Road in Wall. Guests welcome.

Nov. 12-13 – **CQ Western Electric Contest**, all modes, all bands from 2 pm Saturday to midnight Sunday. See <http://www.cqwe.cboh.org/rules.html>

November 14 -. **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

November 16– **W1AW Qualifying Run** at 7 pm (10-35 wpm). See November 2016 QST page 103 and <http://www.arrl.org/qualifying-run-schedule>

November 16 – **GSARA Meeting** at 7:30 pm at the Red Cross in Tinton Falls. Regular business meeting.

November 17– **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.

Nov. 19-20 – **ARRL SSB Sweepstakes**, HF from 4 pm Saturday to 10 pm Sunday. See <http://www.arrl.org/sweepstakes>

November 21 - **Monmouth County ARES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm

November 24 – **Thanksgiving Holiday**.

Nov. 25-27 – **CQ Worldwide DX Contest**, CW HF bands from 7 pm Friday to 6:59 pm Sunday. See <http://www.cqww.com/rules.htm>

November 26 – **GSARA VE Test Session** at 11 am at the Red Cross in Tinton Falls. See page 1.

November 28 – **Monmouth County RACES Net** meets on 147.045 +600, PL=67.0 at 7:30 pm.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 OBARC GSARA Net 8:30 QCWA News 9 PM	2 CW Qual. Run GSARA Mtg	3 W2UTR HCARC Mtg.	4 Blue Swan lunch	5 Hudson Awards CW Sweepstakes Change Clocks
6 CW Sweepstakes InfoAge	7 N2CUG W2OKM ARES/RACES 7:30	8 KG2NV GSARA Net 8:30 QCWA News 9 PM	9 Hol. City VE	10 JSARS Mtg	11 Blue Swan lunch	12 OMARC Mtg CQ WE
13 CQ WE InfoAge	14 RACES Net 7:30	15 GSARA Net 8:30 QCWA News 9 PM	16 KB2USF CW Qual. Run GSARA Mtg.	17 JSARS VE.	18 W2TBD Blue Swan lunch	19 SSB Sweepstakes
20 SSB Sweepstakes InfoAge	21 ARES/RACES 7:30	22 K2ARK GSARA Net 8:30 QCWA News 9 PM	23 .	24 Thanksgiving	25 K1TZZ KC2VIN Blue Swan lunch CQ WW CW	26 W2KQ GSARA VE CQ WW CW
27 CQ WW CW InfoAge	28 RACES Net 7:30	29	30			



G.S.A.R.A.

8 DONNER STREET

HOLMDEL, NJ 07733

FIRST CLASS