



THE PROPAGATOR

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

AUGUST 2008



Some of FD2008 Crew. L to R: Joe, W2KQ, Jeff, N2LXM, Frank, W2XYZ, Bob, W2OD, Jim, K2EI, Howard, W2HTS, Samuel, W2SHS, and Bill, NJ2H (Photo by Ray, W2NXG)

GSARA MEETING WED. AUGUST 2

The next regular meeting of the GSARA will be held on **Wednesday, August 6 at 8:00 PM** at the MARS building in Fort Monmouth. Come early to enjoy the refreshments and the informal eyeball conversations.

FORT MONMOUTH PASSES

Passes for most GSARA members expire in August so they need to be renewed at the Visitor's Control Center (east entrance) in August. The renewal must be authorized prior to your going to the Visitor Control Center and Frank, W2XYZ has volunteered to take care of that. If any club member did not have a pass in the past year, but would like to get a pass issued for the coming twelve months, contact Frank Wroblewski, W2XYZ at w2xyz@arrl.net or call him at 732-942-7705. It is only after the data is in the computer that you can pick up the pass at the Oceanport visitor center. The passes are good for six months.

GSARA HAS A NEW WEBMASTER

Keep your eye on our club website. Starting about now our new webmaster is one of our newer members, Josh Gluck, KC2TKK. Who knows what good things lurk in Josh's bag of tricks, but we certainly look forward to finding out. We all thank Josh for stepping up to the plate and we welcome the new ideas that Josh will bring to the table. For now Bruce, K2QXW, the former webmaster, will continue handling the email distribution of the Propagator, but he will be turning that over to Josh as soon as Josh gives him the OK. Josh can be reached at joshgluck@gmail.com

KC2TKK UPGRADES TO GENERAL

Josh Gluck, KC2TKK has upgraded to General Class. Congratulations!

Also, Josh is looking for a low-priced HF rig and a computer interface capable of operating the digital modes. Can anyone help him?

GSARA OFFICERS

President	N2LXM	Jeff Harshman	922-0816
Vice Pres.	W2FA	Kevin Wagner	279-0532
Secretary	W2OD	Bob Buus	946-8615
Treasurer	W2XYZ	Frank Wroblewski	942-7705
Engineer	W2HTS	Howard Suffill	460-1885
Webmaster	KC2TKK	Josh Gluck	
Trustees	KG2NV	Don Pingitore	229-2925
	W2OD	Bob Buus	946-8615
	WA2FVL	Jack Keating	264-7670

PROPAGATOR AVAILABLE BY E-MAIL

Would you like to help the finances of GSARA and at the same time get your issue of *The Propagator* a few days earlier? You can get every issue e-mailed to your computer every month by simply giving your e-mail address to Bruce McLeod, K2QXW and request *The Propagator* electronically. Bruce's e-mail address is <k2qxw@yahoo.com>

BADGES AND PATCHES

All new GSARA members get a name badge. However, you may order additional ones by getting a Badge Order Form from our Secretary, **Bob Buus, W2OD**, filling it out and turning it in to Bob with your \$5.00 payment.

We also now have 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). We then send them as a group 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.monmouth.com/~gsara/prop.pdf>

It is installed on the web about two weeks after the direct mailing to members.

EDITOR'S NOTES

I just heard as I was putting this issue of *The Propagator* to bed that Glen Harris, WA2TPL from Neptune became a silent key today, July 29. I have no details but know that he was a member of Marconi Chapter 138 of the QCWA. I'll have a complete obituary in the next issue of *The Propagator*.

Please keep Nena, N2WAY in your prayers. She has had serious medical problems and is back in the hospital (see page 4).

Are you wondering why there are two Lighthouse/Lightship weekends every August? I was, so I dug into it a little bit. It turns out that several years ago, the Federal government decreed the first weekend in August as National Lighthouse Weekend to encourage lighthouses in the United States to open to the public at least once a year. Subsequently, some U.S. amateurs thought it would be a good opportunity to show off amateur radio so they formed the Amateur Radio Light House Society (ARLHS) and set up a lighthouse contest for the first weekend in August to coincide with National Lighthouse Weekend.

Independently of the above, the Europeans set up an International Lighthouse/Lightship Weekend (ILLW) for the third weekend in August. Obviously, it would make sense to combine the ARLHS and the ILLW activities into a single lighthouse weekend. Unfortunately, the ARLHS insists it must be the first weekend in August to correspond with National Lighthouse Weekend in the United States. The Europeans have contest conflicts on the first weekend in August and insist that the only August weekend suitable for lighthouse activity is the third weekend. So, each organization is going their separately way.

Note that the JCDXA and NARC are activating the Sea Girt lighthouse on the third weekend consistent with ILLW (see p. 4).

Remember if you change your e-mail address; please be sure to inform Bruce McLeod, K2QXW.

As always, I appreciate feedback or material for *The Propagator*. The deadline for the August issue is August 15. Field Day pictures would be much appreciated!

73 de Bob, w2od@arrl.net

MINUTES OF MAY 7 MEETING

By Bob Buus, W2OD, Secretary

President Jeff Harshman, N2LXM called the meeting to order at Fort Monmouth at 8:09 PM. Because of the few members present, Jeff held the meeting downstairs instead of the regular meeting room. There were 11 members and one guest present. The guest was Jacques Daubigny from Lille, France who is the brother-in-law of Joe Dreifuss, W2KQ.

Treasurer's Report

Treasurer Frank Wroblewski, W2XYZ presented his report for June. A motion was made by Joe, W2KQ and seconded by Howard, W2HTS to accept the report as read. The motion passed unanimously.

Secretary's Report

The minutes of the June 2008 meeting had been published in the July Propagator. A motion was made by Joe, W2KQ and seconded by Samuel, W2SHS to accept the minutes as published. The motion passed unanimously.

A packet of 8 World Radio Magazine subscriptions was received and turned over to President Jeff, N2LXM. They will be used for door prizes at subsequent meetings.

Health and Welfare

Ray, W2NXG has recovered nicely and was at the Field Day site overnight.

Nena, N2WAY is out of the hospital at recovering in rehab in Brick. Recovery is likely to be slow. Please keep her in your prayers.

Field Day

Field Day was very successful and we kept our transmitter on the air almost continuously for the 24-hour period. Jeff, N2LXM extended a big Thank You to all 12 members who participated. With our single transmitter, we made 139 CW contacts, 457 SSB contacts, and 61 PSK-31 contacts. Adding in our 970 bonus points brings our total preliminary score to 2684. This is somewhat below last year's 3380 points but propagation was not very good this year. Skip seemed to be short so we didn't get out to the far west very much.

As in past years, the 1000 foot loop antenna suspended from the baseball field light poles worked out very well. Jim, K2EI used his tennis ball cannon to easily lob a weighted tennis ball on a fishing line over each pole. We ran into problems when pulling the line back to bring the support rope over the lights. In three instances, the ball and line got tangled in the lights and we had to ask for the services of the Fort Monmouth Fire Department to untangle the mess. Because of the many irregular projections on the light fixtures, a better plan (for next year) would be to remove the lobbed tennis ball and tape the splice between the fishing line and support line to form a very smooth line to slide over the top of the light fixtures.

Jeff, N2LXM gave all participants ARRL Field Day T-shirts.

PSK-31 was used for the first time and it worked out well. Contacts can be made in this mode with much less operator skill than the other modes. Operation consists of clicking and moving a computer mouse. If we could get enough people to run it, we could put a transmitter on the air for PSK-31 only and run that as a second transmitter. This should be considered for next year. If we do it, we should plan some PSK-31 training sessions prior to Field Day 2009.

New Business

Bruce, K2QXW has advertised for some time a replacement for his job as Webmaster. New member Josh, KC2TKK has volunteered to take Bruce's place. Congratulations to Josh for taking on this responsibility and many thanks to Bruce for doing such a great job for these many years.

Announcement

There will be a fireworks display at Fort Monmouth right after the meeting is adjourned so some members may want to stick around to see it.

Closing

There being no further business, a motion was made by Joe, W2KQ and seconded by Bill, WA2DND to close the meeting which was adjourned at 9:08 PM.

GSARA CALENDAR

<http://www.monmouth.com/~gsara/calendr.htm>

NENA PURYEAR, N2WAY AILING

Please remember GSARA member Marlena (Nena) Puryear, N2WAY in your prayers. She suffered a heart attack early in June and underwent open heart surgery at Jersey Shore Medical Center. While recovering at the Brick Rehabilitation Institute, she had to have her Gall Bladder removed at Brick Medical Center. She has fallen twice and suffered bruises and a black eye. She was at:

IMPERIAL CARE CENTER,
919 Green Grove Road
Neptune, NJ 07753

She has stomach pains and is not eating so she was recently transported back to the Jersey Shore Medical Center where she is being thoroughly checked over to find what is wrong.

We all pray for her recovery.

INTERNATIONAL LIGHTHOUSE WKEND

The Jersey Coast DX Assoc. and the Neptune Amateur Radio Club will be operating from the SEA GIRT LIGHTHOUSE on Ocean Ave. in Seagirt, NJ on Saturday August 16, 2008 at 9:00 am till 10:00 pm, and again on Sunday Aug. 17, 2008 9:00 am - 5:00 pm.

Please consider this as an official invitation to join in with us to eat, drink (coffee, soft drinks, etc.) and operate if you wish. It is International Lighthouse Lightship Weekend.

73, JCDXA and NARC

HAM LICENSE PLATES

Vanity plates are not generally issued to leased vehicles in NJ, but ham license plates are by law an exception. Local offices may not know about it, and in any case you have to deal with the Special Plate Unit in Trenton. You can call (609) 292-6500 and they will mail an application. It takes \$15 (may be increasing) and about eight weeks to get the plates. You do not need to get permission of the leasing company. When you turn in the leased car you can retain and transfer the plates to your next vehicle. You can also have more than one set of ham plates. When you order a second set with the same call sign, they add a little superscript, like they do with dealer license plates.

Thanks to Josh, KC2TKK

PHISHING VIA ARRL.NET

ARRL has received several reports from ARRL members with arrl.net e-mail accounts who have recently been contacted via e-mail asking for personal information, such as user names and passwords. Please be assured that these e-mails are fraudulent attempts at "phishing" and did not originate from ARRL. According to ARRL Information Technology Manager Don Durand, "This is a very crude attempt at phishing, using an easily determined spoof of the originating/return address. There is never a time when we would ask via mass e-mail for user names and passwords of arrl.net users. There is simply no need to ever do so." If you receive an e-mail asking for personal information and it looks like it originated from ARRL, please do not respond, just delete it

From *The ARRL Letter*, No. 28, July 18, 2008

NJ CELL PHONE LAW

It is now a primary driving offense to talk or text with a handheld cell phone or use other electronic devices, except in specified emergency situations. Hams, however, are permitted to use amateur radio at any time. Since police may not be aware of the exclusion, it is a good idea to carry a copy of the law in your car, and it may help to have ham plates. Here is the key text (see last sentence):

"The use of a wireless telephone or electronic communication device by an operator of a moving motor vehicle on a public road or highway shall be unlawful except when the telephone is a hands-free wireless telephone or the electronic communication device is used hands-free, provided that its placement does not interfere with the operation of federally required safety equipment and the operator exercises a high degree of caution in the operation of the motor vehicle. For the purposes of this section, an "electronic communication device" shall not include an amateur radio."

You can download the entire law at http://www.njleg.state.nj.us/2006/Bills/PL07/198_.HTM

Thanks to Josh, KC2TKK

GSARA HOMEPAGE

<http://www.monmouth.com/~gsara>

GSARA FIELD DAY SOAPBOX

The Garden State Amateur Radio Association along with the Fort Monmouth Amateur Radio Club operated from Dean Field, Fort Monmouth, New Jersey. Signing K2USA and operating Class 1A using a 1000 foot loop antenna at seventy feet, our on air time was split between CW, SSB, and PSK-31. Five contacts were also made on Solar Powered CW/QRP. As band conditions were not great we found that Forty Meters was our band of choice with more than half our total contacts made there. This year the weather did favor us, with all thunder storms and rain staying to our west. With light winds and very few bugs, great food and even better friends and members, a great time was had by all. Thanks to all members who help set up, operate, log and tear down. Great Job All! 73's de Jeff, N2LXM, GSARA. Club President -- N2LXM



Jim, K2EI is ready to launch the tennis ball over the light pole. The launcher easily lobbed the tennis ball to the required height. Unfortunately, the wind often blew the light fishing line off to the side. Jim has some ideas to try next year to make this less sensitive to the wind and thus more effective.



Joe, W2KQ is pumping up the tennis ball launcher while Jim, K2EI and Bruce, K2QXW supervise the operation.



Jeff, N2LXM operating with Chief Engineer Jim, K2EI logging.



Samuel, W2SHS is logging for his father Howard, W2HTS after a long night. Samuel earlier racked up over 100 contacts.

GSARA FIELD DAY FINAL RESULTS

Call Used: K2USA
ARRL Section: NNJ
Class: 1A
Participants: 22
Club/Group Name: Garden State Amateur Radio Association (GSARA)
Power Source(s): Generator, Solar
Power Multiplier: 2X
Bonus Points:
100% Emergency power 100
Media Publicity 100
Set-up in Public Place 100
Information Booth 100
NTS message to ARRL SM/SEC 100
W1AW Field Day Message 100
Natural power QSOs completed 100
Site Visit by invited served agency official 100
Youth participation 20
Youth operators=1
Youth participants=3
Submitted via the Web 50
Educational activity 100
Total Bonus Points 970

Score Summary:

	CW	Digital	Phone	Total
Total QSOs	144	61	448	
Total Points	288	122	448	858
Claimed Score =	1,716			
Total Final Score =	1,716 + 970 = 2686			

Submitted by:

Frank Wroblewski, W2XYZ
450-B Cheshire Ct
Lakewood, NJ 08701
E-mail: w2xyz@arrl.net

Band/Mode QSO Breakdown:

Band	CW QSOs	Digital QSOs	Phone QSOs	Total QSOs
80 m	3		66	69
40 m	70	26	237	333
20 m	71	35	75	181
15 m			51	51
10 m			19	19
Total	144	61	448	653

HUDSON DIVISION HOME PAGE

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

FAR SCHOLARSHIP WINNERS

The Foundation for Amateur Radio (FAR) has announced the 2008 winners of 55 scholarships it administers. The scholarships were open to all licensed radio amateurs who met the qualification and residence requirements of the various sponsors. A non-profit organization incorporated in the District of Columbia, FAR represents more than 50 Amateur Radio clubs in Maryland, the District of Columbia, Virginia, West Virginia and Pennsylvania. It is devoted exclusively to the scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service. For a complete list of recipients, please see the ARRL Web site <http://www.arrl.org/news/stories/2008/07/19/10214/?nc=1>.

For more information, contact FAR Scholarships, PO Box 831, Riverdale, MD 20783, or visit their Web site <http://www.amateurradio-far.org/>.

From *The ARRL Letter*, No. 23, July 25, 2008

W1AW/KL7 QRV

Special event station W1AW/KL7 will be on the air from grid square BP56 July 26-August 10 on all bands from 160-6 meters. This ARRL 2008 Alaska State Convention Special Event Station plans to run two HF stations operating CW, SSB and digital, one satellite station and one station devoted to 146.52 MHz.

From *The ARRL Letter*, No. 29, July 25, 2008

MIDDLETOWN 1-DAY TECH CLASS

The Middletown RACES is again sponsoring a one-day Technician class on Saturday, August 16. For more information on the one day class and test please call the Middletown OEM Monday to Friday 9:30 AM to 2:30 PM (732)-615-2129.

VARIATION LAW

If you change lines (or traffic lanes), the one you were in will always move faster than the one you are in now (works every time).

KANSAS HAM, SON, ELECTROCUTED

While putting up backyard antennas on the afternoon of Sunday, July 13, Edward Thomas, KC0TIG, of Kansas City, Kansas, and his son Jacob were electrocuted. Edward, 65, was pronounced dead at the scene. Jacob, 27, was rushed to the hospital but died later that day. Initial reports suggest that the antenna they were installing came in contact with 7620 V power lines. Neighbors reported a "loud popping sound" and the electricity went out on the block.

Jacob's 7 year old daughter witnessed the tragedy and ran to the neighbor's yard, calling for help. Byron Kirkwood and another neighbor attempted to perform CPR on the men; the neighbor also called 911. Robert Mullendore, a spokesman for the Kansas City Board of Public Utilities (KCBPU), was quoted by Kansas City television station KSBH as saying it is rare to survive a shock as strong as the two men received: "There are people who will survive -- they're lucky by the grace of God, it's high energy, it's dangerous, that's why it's up in the air -- you just have to be careful. Even those who survive have pretty wicked wounds and they are lifelong wounds." In the power business for more than 30 years, the spokesman said these accidents are "really rare," saying that he only sees something like this "every two or three years. If you're doing any kind of work like this, you just really, really need to be aware of your surroundings."

From The ARRL Letter, No. 28, July 18, 2008

FURTHER COMMENTS ON THE ABOVE

By Chuck Kraly, K0XM

I just saw this one on the news, and had to write this message to be passed on to the ham community, especially the newer hams. We lost another ham today, and it is a very sad event. The parties involved were installing a Comet FIBERGLASS antenna that came in contact with a single 7620V power line. Now how do I know what the exact voltage is? I built and maintained the substation that fed this circuit. I spent 27 years as a substation technician for the Board of Public Utilities. I am still in this field. So, I feel I have some experience in what I am passing along.

In a nutshell, the location of the accident was a few blocks from the substation. The wires you see

going thru the residential areas are AT MINIMUM 7200 volts from each wire to ground, and between any two of them is 13,800 volts. This is nothing to play with at any time. I have seen a fault TOTALLY vaporize 1" copper buss (which is solid). Imagine what it can do to a human.

Each wire is fed from what is called a 3 phase line. From there, it can be broken off and sent down a property line as a single wire. Those are called "laterals". Yes, you will see a device at the break out point, and this is a fuse. BUT the caution needs to be conveyed. These fuses are in the 60-100 amp range. This is at 7200 volts. On top of that, anytime a tree falls across a line, or a pole gets hit, there is a circuit on the "feeder" at the substation that AUTOMATICALLY closes the feeder back in and TRIES to restore the power to the area. Some of these "reclosers" can operate 2-5 times, depending on how they are set. Now from the substation end, the protective device is set for the full fault capabilities of the line. In the case of BPU, this can be set at 600 AMPS or multiples of that value. So, if there is a direct short, then it will not trip until it reaches a value at, oh lets say, 8 times 600 amps. So we are looking at 4800 amps at 7200 volts. So, it trips, and then it energizes it AGAIN. The probability of survival is between slim and none.

Now remember how I said they were installing a FIBERGLASS antenna? Well guess what. It is metal inside. Yes, fiberglass does not radiate as we all know. Hence the metal. That is what caused the accident. They got too close to the line. There is a minimum approach area that MUST be followed. This changes for ALL voltages. This distance must NOT be broken. If it is, a flashover will happen and it is not pretty. Electricity will find the shortest path to ground. In this case it was a couple of men.

Folks, this is nothing to take chances with. In my almost 30 yrs as a ham, and 27 yrs in the power utility field, I have seen way too many "accidents." Stop, look and if it is close or SEEMS that way-DON'T. Find another place. High voltage lines are NOT forgiving. Your life depends on it. You always hear "it is the amps not the volts". Well I can tell you when you get at this level, who is going to argue what killed the person who had the accident. PLEASE, PLEASE follow the warnings. ANYWHERE close is too close.

Chuck Kraly, K0XM (from the internet)

PHILLY HAMS FIND ROGUE SIGNAL

When residents of a Philadelphia suburb complained to an area television station about how their remote car door entry devices wouldn't work in the parking lot of a local department store, an investigative reporter for NBC-10 (WCAU) called everyone she could to help her discover why. No one knew anything -- until she called on some local ham radio operators.

"Many people lock and unlock a car by remote and don't even give it a second thought unless it doesn't work," said NBC10 reporter Lu Ann Cahn. "The mystery problem repeatedly occurs outside the Kohl's store in Royersford. When I went into Kohl's [to ask about this], they told me they had no idea [about this]."

Cahn said that shoppers told her that this has been going on for more than a year, and that some shoppers don't realize they might have to manually lock their doors.

Shoppers theorized that it was the local power plant causing the interference, but Cahn said that officials at the plant said it wasn't them. Others thought that cellular telephone towers might be the culprit, but there are no cell towers in the area.

So after calling numerous places to help her out with this mystery, Cahn happened upon Reggie Leister, N3KAS, and Bob Rex, K3DBD, of the Pottstown Area Amateur Radio Club <<http://www.paarc.net/>>; Rex is Vice President of the club and Leister is the club's Public Information Officer (PIO). And as hams do, they were quick to volunteer to help out.

Leister and Rex accompanied Cahn to the parking lot in question. Rex built an antenna out of aluminum tubing and hooked it up to a spectrum analyzer. "Somewhere in the vicinity of this parking lot," Leister said, "there is a big source of radiation, some sort of signal." When Leister aimed the antenna in the direction of the Kohl's store, he hit pay dirt. "There are actually two signals there. It looks like [they're] coming from the building," Rex said when he read the analyzer.

Leister and Rex moved in closer to the building and pinpointed that one signal was coming from one set of doors, while the other signal emitted from another set of doors. Rex, an engineer, said that the thing that bothers him about this is that the signals

"are running constantly." When Cahn approached Kohl's management with their findings, she was told that "they will look into it."

"The FCC licenses radio signals and these ham radio operators say the fact that some signal is interfering with remote locks isn't good," Cahn said in her report. Rex concurred, saying, "The FCC rules are pretty clear on that. It might be something that's broken." Leister and Rex agreed that the store security sensors located at each set of doors might be the culprit.

Three days after Leister and Rex located the source of the interference, remote car door lockers worked again. "Kohl's will only say that they're working on it," Cahn said. "The FCC says it does sound like something malfunctioned and they have had reports of similar incidents in New York City and Tampa, Florida."

A few days after they found the signals, Leister explained that he and Rex did not think the anti-shoplifting detectors were the problem: "What we are guessing here is that they are probably connected to some kind of device that triggers a security camera to come on if there is a breach. Except instead of just sending out a quick 2-5 second (Part 15) blip, these seem to be on continuously and exceeding the permissible signal levels."

Cahn was quick to give on-air credit to the local hams who stepped up to the plate and helped crack this mystery: "We here at NBC10 were so curious as to why these remote car locks would just stop working, so we thought we should really try to solve this mystery. I have to give kudos to Reggie Leister and Bob Rex with the Pottstown Area Amateur Radio Club. They were so great and so excited. You don't know how many people we called -- police, Triple A, car dealerships -- we called so many people trying to figure this out and nobody knew anything until we talked to these ham radio operators. They were so wonderful and they knew all about radio signals. They created their own gadgets to help us figure this out. We really want to thank them for their help with this."

More details and pictures are at <<http://www.nbc10.com/investigators/16701097/detail.html?dl=mainclick>>

From *The ARRL Letter*, No. 26, July 3, 2008

NOTES ON CALENDAR (see reverse side)

Large call letters denote birthdays e.g., W2ML August 5. All times are in EDST. Contests are listed in the August QST, p. 74.

Aug. 1-3 – **National Lighthouse Weekend** from 8:01 PM Friday to 7:59 PM Sunday, HF, all modes. See www.arlhs.com

Aug. 2-3 – **North American CW QSO Party** from 2 PM Saturday to 2 AM Sunday, HF. See www.ncjweb.com

August 3 and every Sunday – **InfoAge Marconi Hotel** open from 1 to 4 PM on Marconi Road in Wall. Exhibits by QCWA, OMARC, Antique Radio, Broadcaster's Hall of Fame, etc. \$5 donation requested.

August 4 - **Monmouth County ARES Net** meets on 147.045 +600 at 7:30 PM.

August 5 – **Middletown Pancake House Luncheon** at noon at left rear table. All are welcome.

August 5 – **Old Barney ARC Meeting**, 7:30 PM at Ocean Acres Community Center in Manahawkin, NJ. See <http://www.obarc.org>

August 5 and every following Tuesday – **QCWA News Net** on 147.045 PL=67 at 9:00 PM.

August 6 – **GSARA Monthly Meeting** at Ft. Monmouth MARS station at 8 PM.

August 6 – **W1AW Qualifying Run** at 10 PM (10-35 wpm). See August QST, pp. 74 and 102.

August 7 – **Holiday City ARC meeting** at 7 PM at Holiday City South Clubhouse in Toms River.

Aug. 8-10 – **Worked All Europe, CW, HF** from 8 PM Friday to 7:59 PM Sunday. See www.waedc.de

August 9 – **OMARC Meeting**, 9:00 AM at the Diana Site on Marconi Road, Wall, NJ.

August 9 – **Middletown Amateur Radio Club meeting** at 10 AM in Union Beach Police Annex (Municipal Building) on Poole Avenue.

August 11 – **Monmouth County RACES** on 147.045 +600 at 7:30 PM. RACES members only.

August 12 – **VE Test Session** at Croyden Hall, Leonardo section of Middletown at 7:00 PM. For more information, contact Mario Sellitti, N2PVP at 732-787-7184 or n2pvp@n2pvp.com

August 14 – **Jersey Shore Amateur Radio Society (JSARS)** meeting in Riverview Park Recreation Building, Rt. 527 and Riverwood Drive in Toms River at 7:30 PM.

Aug. 15-17 – **International Lighthouse Weekend** from 8:01 PM Friday to 7:59 PM Sunday. See <http://illw.net>

August 16 – **Oakland Hamfest** from 8 AM to noon at Oakland American Legion Hall. See www.qsl.net/rmarc

August 16 – **Middletown RACES One-Day Technician Class**. See p. 6.

Aug. 16-17 - **North American SSB QSO Party** from 2 PM Saturday to 2 AM Sunday, HF. See www.ncjweb.com

Aug. 16-17 – **New Jersey QSO Party**, HF & VHF, Phone and CW from 4 PM Sat. to 10 PM Sun. See www.qsl.net/w2rj

August 17 – **JSARS Hamfest** at Riverwood Recreation Center in Toms River at 8 AM. See www.jsars.org

August 18 - **Monmouth County ARES Net** meets on 147.045 +600 at 7:30 PM.

August 21 – **W1AW Qualifying Run** at 4 PM (10-35 wpm). See August QST, pp. 74 and 102.

August 21 – **JSARS VE Test Session** at 7:30 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.

August 23 – **Neptune Amateur Radio Club Meeting** at 9 AM at Casey's Restaurant, Sylvania Ave. & Rte. 35, Neptune City.

August 25 – **Monmouth County RACES** on 147.045 +600 at 7:30 PM. RACES members only.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Nat. Lt. Hse	2 NA CW QSO Nat. Lt. Hse
3 NA CW QSO InfoAge Nat. Lt. Hse	4 ARES/RACES 7:30	5 W2ML Pancake House Old Barney ARC QCWA News 9 PM	6 GSARA Mtg CW Qual. Run	7 Hol. City Mtg.	8 NJ2H	9 OMARC Mtg. WA2DJN MARC Mtg
10 InfoAge	11 RACES Net 7:30	12 Croyden VE 7 PM QCWA News 9 PM	13	14 N2GT JSARS Mtg.	15 ILLW	16 ILLW 16 Oakland Hmfst. MT Tech Class NA SSB QSO NJ QSO Pty.
17 K2EI JSARS Hmfst. ILLW NA SSB QSO NJ QSO Pty InfoAge	18 ARES/RACES 7:30	19 QCWA News 9 PM	20	21 CW Qual. Run JSARS VE	22	23 Neptune Mtg
24 InfoAge	25 RACES Net 7:30	26 QCWA News 9 PM	27	28	29	30
31 InfoAge						



G.S.A.R.A.

8 DONNER STREET

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