



THE PROPAGATOR

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

JULY 2007

JULY 4 MEETING CANCELED

Due to the Fourth of July Holiday on the first Wednesday of July, the July meeting of GSARA is **CANCELED**. The next regular meeting of the GSARA will be held on **Wednesday, August 1** at **8:00 PM** at the MARS building in Fort Monmouth. We will be reviewing the Field Day results and looking for ideas as to how to get more participation. Come early to enjoy the refreshments. We look forward to seeing YOU at the meeting!

FORT MONMOUTH PASSES

Please check the expiration date on your Fort Monmouth badges. Within two or three weeks before they expire, notify Larry, KB2RIS or Frank, W2XYZ. You then must check with visitor control on Oceanport Ave. to retire your old badges and get a new placard. Your old badges **CANNOT** be renewed.

MIDDLETOWN CLUB MEETING TIME

The Middletown Amateur Radio Club has changed their meeting time and place to the second Saturday of each month at 10 AM at the Union Beach Police Department Annex (Municipal Building) on Poole Avenue. Many also meet for lunch at noon on Saturdays on Highway 35 at either Wendy's (just south of Sears) or Burger King (south of King's Highway) in Middletown. Check the Middletown repeater on Saturday morning to verify which location.

GSARA HOMEPAGE

http://home.comcast.net/~gsara_w2gsa

FIELD DAY 2007

By Jeff Harshman, N2LXM

Well one more Field Day has come and gone. I would like to thank all those who came out to help. First is Jim, K2EI for the use of his 1000-Foot Loop Antenna, Turner, Radio, and Generator. Next is Frank, W2XYZ for bringing his generator as a back up for us. Also Joe, W2KQ who supplied our CW station. And a Very Special Thanks to Howard, W2HTS for arranging for the Fort Monmouth Fire Company to help us get our loop antenna up. All those attending worked well together. My thanks also go to Kevin, W2FA G.S.A.R.A. Vice President/operator/logger, Bob, W2OD Club Secretary/logger, Bruce, K2QXW CW Operator, Frank, W2XYZ CW Operator/Logger, Joe, W2KQ CW Operator, Sam, W2SHS Super Logger and First Field Day Operator. And to our guests Rod, N3JAZ (Joe's son-in-law) and his son, John (Joe's grandson).

A quick look at the raw data showed we worked a total of 1024 contacts. This works out to be (if my math is correct) 42.67 contacts per hour. Not too bad! Once again, **Thank You** to all who helped set up, operate and tear down. It was **A JOB WELL DONE**.

73's de: Jeff, N2LXM
"One very tired Club President"

GSARA CALENDAR

http://home.comcast.net/~gsara_w2gsa/calendr.htm

HUDSON DIVISION HOME PAGE

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

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	WN2DX	Marty Szumera	
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 <brucekleod@comcast.net>

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://home.comcast.net/~gsara_w2gsa/prop.pdf

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

EDITOR'S NOTES

Another Field Day has come and gone. This year was unusual insofar as the weather was near perfect (a little too chilly at night if you want to complain about anything) and although Murphy was present, he wasn't obnoxious.

I was a bit disappointed to see only 9 GSARA members actively participating. Out of a membership of about 60, I thought we could do better than that. To their credit, all who participated did so with gusto and made it a very successful operation. I believe that all participants thoroughly enjoyed the experience. Nevertheless, it would have been nice to see more members out there having fun!

I finally switched to a broadband interface to the internet and it sure is fast compared to dial-up. Verizon made FiOS available in my area (except for TV) so I signed up with Verizon and so far, am pleased with the service. I am continuing my AOL e-mail address and, of course, w2od@arrl.net will always work. The Field Day pictures I received from N2LXM and W2KQ came over the internet in a flash compared to the old dial-up. I thank them both for sending them, some of which are published in this edition of *The Propagator*.

For Father's Day, I received a new laptop computer with built-in wireless networking. This goes well with the Verizon wireless router that was included with the broadband internet service. So now, I can wander around anywhere in the house and access the internet. Neat! I'm looking forward to putting Echolink, PSK-31 and other digital modes on the new laptop. It should be a lot of fun.

Be sure to check out the Hamfest in Oceanport on July 14. It's Jonathan, KC2QVO's first attempt so please support him to help make it a success.

Don't forget – there's no GSARA meeting in July due to the holiday.

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 July 15.

73 de Bob, w2od@arrl.net

MINUTES OF JUNE 6, GSARA MEETING

By Bob Buus, W2OD, Secretary

The meeting was called to order at Fort Monmouth by President Jeff Harshman, N2LXM, at 8:08 PM. After the pledge to the flag, all members present introduced themselves. There were 14 members and one guest present. The guest was Mel, N2MEL.

Treasurer's Report

Treasurer Frank Wroblewski, W2XYZ made a report for April. A motion was made by Mike, KC2Q and seconded by Howard, W2HTS to accept the report. The report was unanimously accepted.

Secretary's Report

A motion was made by Joe, W2KQ and seconded by Mike, KC2Q to accept the minutes of the last meeting as published in the June Propagator. The motion was unanimously accepted.

Old Business

The committee named last month to find a replacement for Vice President Tom Cosgrove reported that they have found a candidate. He is Kevin, W2FA (formerly KC2NYQ). A motion was made by Mike, KC2Q and seconded by Larry, KB2RIS to nominate Kevin, W2FA to fill the unexpired term for Vice President. The motion was unanimously accepted.

Health and Welfare

Bernie, W2QFQ lost his wife of 61 years. Our condolences to him and his family.

Harold, WB2CJE had surgery and is now home and recovering. His and Laura's 59th wedding anniversary was on June 7.

Joe, W2KQ and his XYL Fran, WB2SZB both recently had surgery and are both home recovering.

New Business

Our club membership to World Radio is expiring in June. To continue for another year will cost \$70. A motion was made by Joe, W2KQ and seconded by Larry, KB2RIS to continue for another year. The motion passed unanimously.

OMARC is planning on again running Technician Classes this fall at the Diana site and they are looking for help. Joe, W2KQ volunteered to help Jeff, N2LXM with the classes.

Public Service

The Sheehan run in the Red Bank area is scheduled for June 16 and Tom, N2VFK will be out of town, so Jeff, N2LXM will need some help.

Field Day

Jeff, N2LXM recommended that we go class 1A due to lack of enough operators to adequately staff a second station. Jeff also recommended that we try to get a trailer or tent with sides in case of rain like we had last year. The mesh sides of the shelters owned by GSARA do not keep out a driving rain. Jeff also agreed to take care of the public display.

Larry, KB2RIS reported that permission was granted by Fort Monmouth to let us use the baseball field again this Field Day.

Jim, K2EI announced that antenna erection will start at 1400 EDST on Friday and help will be needed. Jim also volunteered to furnish the generator, SSB rig, and will write a press release for the post newspaper and notify the base commander.

Bernie, W2QFQ offered use of his Kenwood TS-440 with power supply if needed. It may not be needed as GSARA has a Kenwood transceiver.

We are looking for two logging computers (one for phone and one for CW).

Due to medical problems, Ray, W2NXG will not be available to furnish his outstanding food so we will just have to pick up as needed. Pizza was suggested for Saturday night.

We will monitor the Asbury Park repeater on 147.045 during field day.

To be sure that you can get on base during field day, be sure to give your name to Larry, KB2RIS before June 19. A sign-up sheet was available at the meeting. Finally, we are looking for chairs for field day.

If you have any questions or issues regarding field day, contact Jeff and n2lxm@arrl.net.

Announcements

Hamfests are coming up on June 16 in Piscataway, July 8 in Sussex County, NJ, July 14 in Oceanport, and August 18 in Toms River (JSARS).

The Hudson Division Awards Dinner in Saturday, November 10 in Saddle Brook, NJ. Tickets are \$48 per person and must be purchased by October 29.

The Middletown Amateur Radio Club will meet Saturday, June 9 at the Union Beach Police station. Guest speaker is Bob, W2OD giving a brief history of amateur radio.

The lighthouse weekend is August 18-19. OMARC is planning to operate at the Sandy Hook lighthouse and NARC with NADXA will be operating at the Sea Girt lighthouse. GSARA members are invited to participate in either event.

Closing

A drawing was held for the main door prize which was won by Howard, W2HTS.

There being no further business, a motion was made by Howard, W2HTS and seconded by Tony, KA2ZSI to close the meeting which was closed at 9:00 PM.

ROSTER CHANGE

Please change the call of Kevin Wagner from KC2NYQ to K2SA.

Although not on the roster, the e-mail address for Ed Genoino, WA2NDA has been changed to wa2nda@verizon.net.

OCEANPORT HAMFEST JULY 14

Mark Saturday, July 14 on your calendar to attend the Oceanport Hamfest at the Oceanport Rescue Squad at 2 Pemberton Ave. from 8 AM to 1 PM. Admission is \$5 and besides the flea market, food and beverages will be sold.

The Squad building is located on the south side of Main Street just east of the intersection with Oceanport Ave. For further information or to rent a table, contact Jonathan Ryan, KC2QVO at 732-804-7421 or kc2qvo@aol.com.

FOR SWAP

Mag Mount 2 meter antenna. I would like to swap my 5/8 wave 2-meter mag mount antenna for a 1/4 wave 2-meter mag mount antenna. Although the 5/8 has more gain than the 1/4 wave, I would like to get a lower profile on top of my car.

Les Hill, W2QHS
Seabrook Village, Tinton Falls
732-643-8933

FOR SALE

I have a **Yaesu FT-101E** in working condition, with **YC-601** Digital display unit, **YP-150** Watt meter/dummy load, and hand mike.

I have both AC and DC power cables.

Would like \$200.00 for the whole station.

Ken Hampton, KY2S

Ocean, NJ

732-532-0791

ky2s@juno.com

P.S. Add an antenna and you are on the air!

AREA AMATEUR EXAM SESSIONS

Amateur radio exam sessions that are given in the central New Jersey area are as follows but please contact the responsible person to be sure that the time and date are accurate.

Wall Township, Camp Evans Area on Marconi Road: Exams are held on the first Saturday of the even numbered months (August 4, 2007) at 10 AM. The contact person is Larry Wilkins, KB2RIS at 732-922-6720 or e-mail to kb2ris@verizon.net.

Middletown, Croyden Hall on Leonardo Road: Exams are on the second Tuesday of every month at 7 PM. The contact person is Mario Sellitti, N2PVP 732-787-7184 or e-mail to n2pvp@n2pvp.com.

Toms River, Riverview Park Recreation Building: Exams are held on the third Thursday of every month at 7:30 PM. The contact person is Ed Genoino, WA2NDA at 609-971-2792 or e-mail to wa2nda@aol.com.

Toms River, Holiday City South Clubhouse, Meeting Room #1, Mule Road at the corner of Santiago Drive on the second Saturday of the odd numbered months (July 14, 2007) at 10:00 AM. Pre-registration is required (no walk ins). The contact person is Bill Haldane, AC2F, 732-240-7064 or ac2f@earthlink.net.

In all cases, the fee is \$14 and you should bring the original and a copy of any amateur license presently held and original and one copy of any credit (CSCE) forms you have. Also bring 2 forms of ID with one being a picture ID.

CQ FIELD DAY

Field Day was very unusual this year as the weather was nearly perfect! There was no rain, no electrical storms, and a gentle breeze to keep it from getting too hot during the day. It did get quite chilly at night but other than that, the weather was just about perfect.

That's not to say that Murphy didn't visit the site. On Friday afternoon, several of us tried to get lines over the 75-foot light poles using a variety of slingshots without success. Then Howard, W2HTS and his son Samuel, W2SHS showed up and Samuel demonstrated his throwing arm by throwing a tennis ball over the pole. This was very impressive! So, we connected the fishing line to the tennis ball and had him try again. The added drag and wind resistance of the line now didn't let him throw so high so we were unsuccessful. Howard then placed a call to a friend at the Fort Monmouth Fire Department who agreed to help us by bringing the 95-foot ladder truck and easily placed our lines over the four poles to be used for antenna supports. After that, the 1000-foot loop antenna went up without a problem. Thank you, Howard, for having friends in the right places!

So how did we do? Well, we made significantly more contacts both on phone and cw than we did last year so our overall score will be higher this year. Last year we made 774 contacts for a final score of 2782. This year we made 1024 contacts and will have a score of about 3300 or 3400 (depending on bonus points). This is not bad for one transmitter running 100 watts.

Special thanks to the following participants who made this such a success:

Jeff Harshman, N2LXM
Kevin Wagner, W2FA
Jim Griffiths, K2EI
Howard Suffill, W2HTS
Samuel Suffill, W2SHS
Joe Dreifuss, W2KQ
Frank Wroblewski, W2XYZ
Bruce McLeod, K2QXW
Bob Buus, W2OD
Rod Grindell, N3JAZ (W2KQ son-in-law)
John Grindell (W2KQ grandson)

If you didn't participate, you certainly missed a fun weekend!

FIELD DAY PHOTOS



President Jeff, N2LXM having just finished setting up is awaiting the 2 PM starting time. Photo by W2KQ.



Jim, K2EI is off and running on 20 meter SSB at the starting time. Photo by W2KQ.



Howard, W2HTS relaxes after helping with the set-up for Field Day. Photo by W2KQ.



Samuel, W2SHS trying to log and operate on his first Field Day! Photo by W2KQ.



Frank, W2XYZ takes a break from logging and operating. Photo by W2KQ.



Bob, W2OD is logging while Kevin, W2FA relaxes in the background. Photo by W2KQ.



Outside view of our operating tent for Field Day 2007. (Photo by N2LXM)



Kevin, W2FA takes a break from operating but is monitoring the Asbury Park repeater. Photo by W2KQ.



This is the operating position in the tent. The logging computer is in the center with the CW position on the left and the SSB position on the right (only one used at a time). Photo by N2LXM.

RILEY SAYS "LIGHTEN UP"

FCC Special Counsel in the Spectrum Enforcement Division Riley Hollingsworth's main message at the Dayton Hamvention® <<http://www.hamvention.org>> 2007 FCC Forum may not have been a new one. But it's certainly one he believes bears repeating -- at least until it starts cutting through the QRM and QRN that pervade more communication channels than our Amateur Radio bands.

"Well, you could have gone to the flea market, but you came to church instead," Hollingsworth quipped to his Dayton forum audience. "I've got you now."

Hollingsworth repeated what for many Riley Watchers has become a familiar refrain: That the Amateur Radio community needs to "lighten up" on the air. Acknowledging that he was repeating himself, Hollingsworth urged his audience to take his message more to heart. "All of you can learn from each other," he said, "and you need to work together more and show a little more respect for your diverse interests and for the Amateur Service as a whole. It isn't about you. It isn't about enforcement. It's about Amateur Radio."

As radio amateurs take to the airwaves, he continued, they need to decide what's most important -- the best interests of ham radio or their ego, pride or perceived "rights."

"I realize I may be preaching to the choir here, but on the air you need to be more cooperative and less argumentative -- and I need you to take this message with you when you go home," he continued.

As a "homework assignment," Hollingsworth encouraged his listeners to read the "It Seems to Us . . ." editorial, "Most Effective Use" <<http://www.arrl.org/news/features/2007/05/01/1/>>, by ARRL Chief Executive Officer David Sumner, K1ZZ, in May 2007 QST. In his commentary, Sumner stressed that interference occurring as a side effect of legitimate Amateur Radio activities in crowded bands "is simply a fact of life" and that it's "unfair to your fellow amateurs to assume that every instance of interference you may encounter is a hostile act."

Hollingsworth offered good news and bad news. "The good news: Nothing is wrong with Amateur

Radio," he allowed. "It is a good service that is showing its value to the public on a daily basis."

The bad news, he asserted, making a comparison to "road rage," is "that there is an element of Amateur Radio that too often reflects present society generally."

Hollingsworth urged all radio amateurs to cooperate more and depend less on the FCC to solve their operating issues.

"We live in a rude, discourteous, profane, hotheaded society that loves its rights, prefers not to hear about its responsibilities, and that spills over into the ham bands," he said.

Hollingsworth's bottom line: Be flexible in your frequency selection and make regular use of the "big knob" on the front of your transceiver to shift to any of the "thousands of frequencies and hundreds usable at any given time of day or year" as necessary to avoid problems. "The world is ugly enough -- don't add to it," Hollingsworth advised.

"We can enforce our rules, but we can't enforce kindness and courtesy or common sense," Hollingsworth concluded. "And a very wise person, who happens to be standing to my left [FCC Wireless Telecommunications Bureau staffer Bill Cross, W3TN -- Ed] once told me: 'You can't regulate stupid.' If we could, we'd be working for the United Nations instead of the FCC."

In his comments, Cross singled out the controversy that erupted recently over fears that automatically controlled digital stations would overwhelm the amateur bands, eclipsing most other modes. Cross cited §97.7 of the rules, which requires each amateur station to have a control operator and, in essence, to employ a "listen-before-transmit" protocol."

When a station is under automatic control, regardless of the transmission mode, Cross explained, the control operator need not be at the control point, but must employ station control devices and procedures while transmitting that ensure compliance with the FCC rules and does not cause harmful interference to ongoing communications of other stations.

The operational rule, Cross said, is: "Your call sign, your responsibility."

From *The ARRL Letter*, No. 22, June 1, 2007

NEW GENERAL CLASS BOOKS AVAIL.

According to ARRL Sales and Marketing Manager Bob Inderbitzen, NQ1R, the new ARRL General Class License Manual is ready for shipping. As of July 1, 2007, a new General Class license exam pool will take effect; the old pool will no longer be valid. The new ARRL General Class License Manual has everything you need to pass the General Class exam. Also available is the ARRL General Q&A. This book makes upgrading to General Class quick and easy, allowing you to review from the entire question pool with brief explanations following each question. You can order the new manuals, plus manuals for Technician and Amateur Extra from www.arrl.org/catalog/lm/.

From *The ARRL Letter*, No. 24, June 15, 2007

ARRL E-MAIL FORWARDING SERVICE

One of the many benefits of ARRL membership is the ARRL e-mail forwarding service, first offered in February 1999. This service allows ARRL members to set up an arrl.net alias e-mail address. When e-mail is sent you at your arrl.net address, it is forwarded to an e-mail address you have designated. According to ARRL Information Services Manager Don Durand, approximately 45 percent of ARRL members take advantage of the e-mail forwarding service. "Using the figures from Wednesday, June 20, we had 876,993 connection attempts and 148,400 actual e-mail deliveries," Durand said. "The difference of 728,593 represents spam that was trapped and not delivered to our members." Durand said the numbers show the e-mail filters do a "pretty good job eliminating spam. Using a combination of filtering software, as well as holding in-bound messages to the accepted standards of transmittal, we are able to remove approximately 90-95 percent of all spam before it reaches a user's inbox."

From *The ARRL Letter*, No. 25, June 22, 2007

ARRL HQ GETS A FACELIFT

If you haven't been to ARRL Headquarters lately, you might not recognize it. The building received a fresh coat of paint earlier this month, and the drainage problems in the parking lot have been fixed.

This week, workers started tearing out the sidewalks in front of the HQ building in preparation for the new Diamond Terrace. New curbs and sidewalks will also be installed. Pictures chronicling the progress of the project will be up on the ARRL Web site next week. This will be a photo blog or essay that will show the project as it goes through its many steps to completion.

A project of the ARRL Diamond Club, The Diamond Terrace will be constructed of personalized, 4x8-inch laser-engraved bricks. Gracing the new entrance to ARRL Headquarters, The Diamond Terrace will recognize donors wishing to venerate their own call signs or to honor or memorialize the call sign of a family member, club or "Elmer" (mentor).

ARRL President Joel Harrison, W5ZN, was the first in line to buy a Diamond Terrace brick, and another 20 bricks already are spoken for. Others can join them with a \$250 annual Diamond Club membership contribution (ARRL will contact Diamond Clubbers who made contributions of \$250 or more after November 15, 2006 to ask if they wish to place a brick). The Diamond Club now has more than 2000 members, and the unrestricted funds it takes in support such ARRL activities as spectrum defense, educational initiatives, field services, DXCC, publications, contesting and the ARRL Volunteer Examiner Coordinator among others, Hobart points out. "You pick an area that's near and dear to your heart, and Diamond Club revenue is very likely supporting it."

Donors may request up to three lines of 16 characters (spaces and punctuation included) per line, although the more lines, the smaller the characters. Legends may consist of a call sign or a name -- or both -- or a club name and call sign and even a year. Diamond Club members contributing \$250 or more each year may add a new brick, or bricks, to the terrace. Especially generous donors may wish to donate a garden bench to The Diamond Terrace at ARRL for an initial donation of \$10,000.

New bricks for The Diamond Terrace will be put into place 50 bricks at a time each year during May and June. Bricks will be set in sand and are treated to withstand a harsh New England winter. A brick locator will be posted on the ARRL Web site.

From *The ARRL Letter*, No. 24, June 15, 2007

NOTES ON CALENDAR (see reverse side)

Large call letters denote birthdays e.g., **WB2BSJ** and **K2WYI** July 1. All times in EDT.

June 30 – July 1 – **Canada Day Contest**, all modes, all bands from 8 PM Sat. to 7:59 PM Sunday. See July QST, p. 93 or www.rac.ca/service/infocont.htm

July 1 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.

July 2 – **Monmouth County ARES Net** meets on 147.045 +600 at 7:30 PM.

July 3 – **Middletown Pancake House Luncheon** at noon in back room to left. All are invited.

July 3 – **Old Barney ARC Meeting**, 7:30 PM at Ocean Acres Community Center in Manahawkin, NJ. See <http://www.obarc.org>

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

July 4 – **GSARA Monthly Meeting** in cancelled due to the holiday.

July 5 – **Holiday City ARC meeting** at 7 PM at Holiday City South Clubhouse in Toms River.

July 6 and every Friday – **Lunch at Blue Swan Diner**, Rt. 35 South, Ocean Township at noon.

July 7-8 – **IARU HF World Championship** from 8 AM Saturday to 8 AM Sunday. See April QST, p. 102 or www.iaru.org/contest.html

July 8 – **Sussex Hamfest** t Sussex County Fairgrounds. See June QST, p. 94 or www.scarcnj.org

July 9 – **Monmouth County RACES** on 147.045 +600 at 7:30 PM. RACES members only.

July 10 – **Amateur Radio Luncheon** at Perkins in Colts Neck Inn at noon. All amateurs invited.

July 10 – **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

July 11 – **W1AW Qualifying Run** at 10 PM (35-10 wpm). See July QST, pp. 88 and 93.

July 12 – **Jersey Shore Amateur Radio Society (JSARS)** meeting in Riverview Park Recreation Building, Rt. 527 and Riverwood Drive in Toms River at 7:30 PM.

July 13 – **FISTS Summer Sprint**, CW from 1 to 5 PM. See February QST, p. 101 or www.fists.org

July 14 – **Oceanport Hamfest** at Oceanport First Aid from 8 AM to 1 PM. See July QST, p. 90 or www.oceanporthamfest.20m.com

July 14 – **OMARC Meeting**, 9:00 AM at the Diana Site on Marconi Road, Wall, NJ.

July 14 – **Middletown Amateur Radio Club meeting** at 10 AM in Union Beach Police Annex (Municipal Building) on Poole Avenue.

July 14 – **Holiday City VE Test Session** at 10 AM in Toms River. Pre-register with Bill Haldane, AC2F at 732-240-7064 or ac2f@earthlink.net. No walk-ins.

July 16-**Monmouth County ARES Net** meets on 147.045 +600 at 7:30 PM.

July 19 – **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.

July 21-22 – **CQ WW VHF Contest**, all modes from 2 PM Sat. to 5 PM Sun. See July QST, p. 94 or www.cqww-vhf.com

July 23-**Monmouth County ARES Net** meets on 147.045 +600 at 7:30 PM.

July 27 – **W1AW Qualifying Run** at 9 AM (10-35 wpm). See July QST, pp. 88 and 93.

July 28 – **Neptune Amateur Radio Club Meeting** at 9 AM at the Bedrock Café, Avon.

July 28-29 – **RSGB IOTA Contest**, CW/SSB from 8 AM Saturday to 8 AM Sunday. See July QST, p. 94 or www.rsgbhfcc.org

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

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 WB2BSJ K2WYI Canada Day InfoAge	2 ARES/RACES 7:30	3 KZ5WP Pancake House Old Barney ARC QCWA News 9 PM	4 Holiday No GSARA Mtg	5 Hol. City Mtg.	6 Blue Swan	7 HF Champ.
8 Sussex Hamfest HF Champ. K2QXW InfoAge	9 RACES Net 7:30	10 Perkins Lunch Croyden VE 7 PM QCWA News 9 PM	11 CW Qual. Run	12 JSARS Mtg.	13 Blue Swan FISTS Sprint	OMARC Mtg. 14 Oceanport Hamfest MARC Mtg Hol. City VE
15 InfoAge	16 ARES/RACES 7:30	17 QCWA News 9 PM	18	19 JSARS VE	20 Blue Swan	21 CQ WW VHF
22 CQ WW VHF InfoAge	23 ARES/RACES 7:30	24 QCWA News 9 PM	25	26	27 CW Qual. Run Blue Swan	Neptune Mtg 28 RSGB IOTA
29 RSGB IOTA InfoAge	30 RACES Net 7:30	31 QCWA News 9 PM				



G.S.A.R.A.
8 DONNER STREET
HOLMDEL, NJ 07733

FIRST CLASS