



THE PROPAGATOR

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

OCTOBER 2009

UPCOMING GSARA MEETINGS

The next regular meeting of the GSARA will be held on **Wednesday, October 7 at 7:30 PM** at the Fort Monmouth MARS building. We will have the election of officers for 2010. The slate will probably consist of the existing officers unless we find some additional volunteers. Please plan to attend.

The second meeting in October will be on **Wednesday, October 21 at 7:30 PM** at the **American Red Cross - Regional Office**, 1540 West Park Avenue, Tinton Falls, New Jersey. Our program will be on the history of the forefathers and early pioneers in the development of radio and will be given by Bob Buus, W2OD. Don't miss it! Guests are always welcome.

RENEWING FT. MONMOUTH PASSES

To renew your pass for Fort Monmouth when it is ready to expire, simply give the information to Frank, W2XYZ and he will take care of the details.

NADXA HAMFEST SUCCESSFUL

The North American DX Association's first annual Tailgate swap meet on September 13 at Luigi's Restaurant Parking lot was successful with a very good turnout. We look forward to an even bigger event next year.

ARES/RACES NET BACK ON .045

The ARES/RACES net which meets every Monday evening at 7:30 PM is back on the Asbury Park Repeater (147.045) which is again working normally.

NEW GSARA HOMEPAGE

<http://www.gardenstateara.org>

OMARC TAILGATE HAMFEST OCT. 3

The OMARC Tailgate Hamfest is Saturday, October 3 at the Diana site on Marconi Road in Wall. Gates open for buyers at 7:30 AM and admission is only \$5 per carload. Sellers can arrive starting at 6:30 AM and their cost is \$10 per space. Refreshments will be available and there will be a VE session starting at 10:30 AM.

BATTLESHIP NEW JERSEY TRIP

Six GSARA members made a trip to the Battleship New Jersey in Camden on Friday, September 25. We were met at the pier by Dave Burgess, WA2TVS and his wife Margaret, KB2BRR. After a short introduction, we were escorted to the radio room and operated NJ2BB until lunchtime. After lunch, Dave took us on an extensive tour of the ship which was impressive at every stop. All in all, it was a great trip.



Bob Guercio, AC2Z; Bill Shockley, NJ2H; Mike DiPersio, KC2Q; Lorraine Heine, KC2FDR; Frank Wroblewski, W2XYZ; and Bob Buus, W2OD at the Battleship New Jersey in Camden.

HUDSON DIVISION HOME PAGE

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

GSARA OFFICERS

President	W2XYZ	Frank Wroblewski	942-7705
Vice Pres.	W2HTS	Howard Suffill	460-1885
Secretary	W2OD	Bob Buus	946-8615
Treasurer	W2KQ	Joe Dreifuss	493-4236
Engineer	N2LXM	Jeff Harshman	922-0816
Webmaster	KC2TKK	Josh Gluck	
Publicity	NJ2H	Bill Shockley	207-4466
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 Josh Gluck, KC2TKK and request *The Propagator* electronically. Josh's e-mail address is <kc2tkk@gardenstateara.org>.

BADGES AND PATCHES

If you would like a GSARA name badge, you may order one by getting a Badge Order Form from our Secretary, **Bob Buus, W2OD**, filling it out and turning it in to Bob with your \$7.00 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.gardenstateara.org>

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

EDITOR'S NOTES

This issue of *The Propagator* is two pages shorter than normal to permit the mailing of a new two-page Membership Roster. For those receiving *The Propagator* from the internet, the Roster will be a separate downloadable pdf file. Please notify me of any errors in the Roster.

The trip to the Battleship New Jersey was great! Dave and Margaret Burgess gave us a tour better than any that can be purchased. We also had a lot of fun operating the NJ2BB station on board the ship. Although 20 meters wasn't in very good shape (I only made 4 PSK31 contacts on 20), Mike, KC2Q had much better luck on 40 SSB and worked about 10 stations. The size of the ship is awesome! It reminded me of visiting the Grand Canyon. It's hard to get your mind around the size of this thing.

I hope that this gets to you in time to remind you of the October 3 Tailgate Hamfest sponsored by OMARC. I look forward to seeing many of you there.

There are still lots of goodies available at the MARS building free to members. When you are at the October 7 meeting, look things over and take what looks interesting to you. Even if you're only mildly interested in something, take it home for your junk box and thus rescue it from the Fort Monmouth garbage.

Frank, W2XYZ is planning programs for upcoming meetings. Let him know if you would be interested in giving a talk.

If you are interested in obtaining a gardenstateara.org email address which will give you webmail and POP3/SMTP access, please send an email to Josh at kc2tkk@gardenstateara.org with your First Name, Last Name, and Call Sign. Your email address call_sign@gardenstateara.org will be created and the login information sent back to the email address your request came from.

Remember if you change your e-mail address; please be sure to inform Josh Gluck, KC2TKK.

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

73 de Bob, w2od@arrl.net

MINUTES OF SEPTEMBER 2 MEETING

By Bob Buus, W2OD, Secretary

President Frank Wroblewski, W2XYZ called the meeting to order at the Fort Monmouth MARS building at 7:42 PM. There were 12 members and one guest present. The guest was Mel Palawasta, N2MEL of Forked River. After the pledge to the flag, all members introduced themselves.

Secretary's Report

A motion was made by Jeff, N2LXM and seconded by Mike, KC2Q to accept the minutes of the August meeting as published in the September Propagator. The motion passed unanimously.

A letter from Emery Wall, K2YWI was read. He renewed his membership and indicated he might come to a GSARA meeting this fall. Emery lives in Florida and at 87, is still quite healthy.

Treasurer's Report

Treasurer Joe Dreifuss, W2KQ gave the Treasurer's report for August. A motion was made by Jeff, N2LXM and seconded by Margo Struening to accept the report. The motion passed unanimously.

Health and Welfare

A moment of silence was observed for former member Jim Hughes, W2TCS and Ed Brager, K2SDC both of whom had recently become silent keys.

Old Business

The trip to the battleship New Jersey is planned for Friday, September 25. We will leave in the morning and be back by suppertime. Contact Frank, W2XYZ if you are interested in going. The number signed up will determine the number of car pools needed.

The one-day Technician class for CAP members will be held at the Red Cross on Saturday, September 26. A VE session will follow the class.

Plans for the special event station to commemorate the closing of Fort Monmouth are underway. It is expected to start on Friday, January 29 and run until Sunday, January 31. We would like to see lots of volunteers to keep the station on as much as possible for this weekend.

Howard, W2HTS has registered W2GSA on eQSL and has submitted our logs. Bob, W2OD has

agreed to apply to LoTW for W2GSA so we can have our logs there also.

New Business

A 40 foot Rohn tower was donated to the Red Cross by Elmer, W2LSR. We need instructions for installation. Arrangements are being made to get the required concrete at a good price. Help will be needed in digging the foundation and painting and assembling the tower.

Per our Constitution, President Frank, W2XYZ appointed a nominating committee to find candidates to run for office for 2010. The committee consists of Laura, N2HGI, Lou, W2HAM, and Ray, W2NXG. If you are interested in serving as an officer, contact any of the committee members prior to the first meeting in October when they will make a report.

Announcements

The Monmouth County SET will be held on Saturday, September 26. Participants will be needed at the Red Cross, at Monmouth Park in Oceanport and in Miller Park in Ocean County. See Rich, N2SMV to volunteer.

There will be a bike tour starting at Twin Lights in Highlands and lasting all day on Saturday, September 26. See Tom, N2VFK to volunteer.

The Neptune Amateur Radio Club is holding their annual picnic on Saturday, September 19 from 11 AM to 4 PM at Adams Field off Sylvania Avenue in Neptune. Admission is a covered dish or payment of \$10 per person.

The NADXA is holding their first annual tailgate party on Saturday, September 13 at Luigi's restaurant on the corner of Shafto Road and Asbury Avenue in Tinton Falls from 8 to 11 AM. There is FREE admission for all buyers.

Josh, KC2TKK has made some improvements to the GSARA homepage. Check it out at www.gardenstateara.org

Show and Tell

Jeff, N2LXM showed an emergency power pack that he picked up at Sam's Club for \$20 recently. It's made by Duracell and besides a rechargeable battery, includes an air compressor and ac power inverter. It's really a nice package at an attractive price.

Closing

The drawing for the door prize was won by Jeff, N2LXM. There being no further business, a motion was made by Jeff, N2LXM and seconded by Lou, W2HAM to close the meeting which was adjourned at 8:31 PM.

MINUTES OF SEPTEMBER 16 MEETING

By Bob Buus, W2OD

President Frank Wroblewski, W2XYZ, called the meeting to order at Red Cross Headquarters at 7:30 PM. After a Pledge to the Flag, each attendee introduced themselves. There were 15 members and one guest present. The guest was Joe Basket, KC2LFF from Highlands.

Health and Welfare

Bob, W2OD sadly reported a new silent key. He is former GSARA member Tom Jardine, K2SAQ from Little Silver who died Saturday, September 12 at the age of 90. A moment of silence was observed for Tom.

Secretary's Report

The minutes of the September 2 meeting will be published in the October Propagator and were thus not read at the meeting.

Old Business

The trip to the battleship New Jersey is scheduled for Friday, September 25. Those wishing to go should meet at Carmella's in Neptune at 9 AM (8 AM if you wish to have breakfast first). So far, six people have signed up to go.

Jeff, N2LXM will be conducting a one-day Technician class for the Civil Air Patrol at the Red Cross on Saturday, September 26 from 9 to 3 PM. A VE session will follow that afternoon.

Announcements

The tailgate Hamfest held by the NADXA on September 13 was very successful with a good turnout and lots of goodies for sale.

Anyone wishing to borrow the DVD of the movie "Frequency" see Frank, W2XYZ.

The Neptune Amateur Radio Club is holding their annual picnic on Saturday, September 19 from 11 AM to 4 PM at Adams Field off Sylvania

Avenue in Neptune. Admission is a covered dish or payment of \$10 per person.

The fall QCWA QSO Party will be held for 24 hours starting at 2 PM Saturday, September 19.

The Barbados DXpedition by several GSARA members was written up by Bill, NJ2H and published in "The DX Magazine". Subscriptions are \$28 per year. See <http://www.dxpub.com> for more information.

Closing

The door prize of \$14 was won by Laura Clanton, N2HGI. A motion was made by Jeff, N2LXM and seconded by Laura, N2HGI to adjourn the meeting. With a unanimous vote, the meeting was ended at 9:10 pm.

The Program

Leo Platte from the Red Cross gave a very interesting presentation about responding to a medical emergency. He covered proper use of CPR as well as how to use an AED to regulate a heart.

ALPHA RADIO NOW RF CONCEPTS

On September 15, Michael Seedman, AA6DY, announced that his company, RF Concepts, had purchased Boulder, Colorado-based Alpha Radio Products. Seedman explained in a press release that when he contacted Alpha to purchase a new amplifier, he was "disappointed to learn that I would not receive it for months." He was told that as each amplifier is made by hand, there was not enough shelf inventory to send a new one right away. Working with Alpha Products president Molly Hardman, W0MOM, "we created a way to capitalize the company in order to put amplifiers in inventory for immediate availability. Customers will no longer have to wait weeks or months to add an Alpha product to their station." Seedman said that RF Concepts "will focus on shipping our backlog of Alpha amplifiers and building sufficient product to ship from stock. We will honor our existing customer commitments -- including warranties, customer and technical support and repairs -- and keep our extensive parts inventories to support the more than 10,000 Alpha amplifiers in the market." Hardman will be staying on as Vice President of Sales for RF Concepts.

From *The ARRL Letter*, No. 37, September 18, 2009

TOM JARDINE, K2SAQ - SK

Former GSARA member Thomas Ferdinand Vreeland "Tom" Jardine, K2SAQ of Little Silver, NJ, died Saturday September 12, 2009 at his home surrounded by his family. He was born in Waverly, Staten Island on September 22, 1918. He spent most of his childhood years residing at 19 Alston Court in Red Bank, NJ and later in Rumson and Little Silver. He graduated from Red Bank High School as class valedictorian in 1937 and attended Dartmouth College where he received a BA degree on graduation in June 1941. Immediately upon graduation from Dartmouth, he reported to the US Naval Reserve Training Facility at Northwestern University in Chicago and received a commission in the Naval Reserve (Ensign) three months later. After flight training in Long Beach, California and on Corpus Christi, Texas in September 1942, Tom received a commission as a Naval Aviator assigned briefly as an instructor to aviation cadets at New Orleans and later Olathe, Kansas. He was later assigned to duty as a Pilot and Night Fighter Director on the USS Independence which operated in the Pacific with the 3rd fleet. Tom was active at Iwo Jima, Okinawa and the air strikes on Tokyo. On December 23, 1942, he married Rita Jean Stackable of Fort Worth, Texas in New Orleans. At the conclusion of the War, he attended the University of Michigan Law School, and became a member of the New Jersey State Bar Association in 1948. After law school, he returned to New Jersey to practice law, becoming a partner at the of Carey and Jardine in Newark, NJ and later his own firm Jardine & Pagano which subsequently moved to Springfield, New Jersey in 1969. After law school, he and his wife Rita resided in Rumson beginning in 1951 and in Little Silver since 2000. During his years in Rumson, he was a founding member and president of the Rumson Community Appeal. He served for several years on the Rumson Board of Adjustments and later as President of the Rumson Free Library (Oceanic Library). He was also instrumental in creating the Rumson-Fair haven Regional School District. A member of Navesink Country Club, Tom not only held the office of President from 1992-1993 but also at other times held offices of treasurer and vice president. He was a member of the Sea Bright Beach Club. In addition to his contributions to the community, Tom also had hobbies. These include his membership in the New Jersey Aero Club since 1979, and his life-

long fascination with amateur radio which he shared generously.

Tom is survived by his wife of 67 years, Rita Jardine; his sons John and Peter; His daughters Suzanne Robinson and Jeannette Yorke; and 10 grandchildren.

A Memorial Service was held on September 16 at St George's by the River Episcopal Church in Rumson. Memorial donations to The Leukemia and Lymphoma Society, P.O. Box 4072 Pittsfield, MA 01202 are preferred. Thompson Memorial Home, Red Bank is in charge of arrangements.

FRANK E. KOVALSKI, W2OKJ - SK

Frank E. Kovalski, W2OKJ passed away Saturday, Sept. 26, 2009, at The ManorCare Nursing Home, Boulder, Colo. He was 92. He was born Nov. 25, 1916 in Winchester, N.H. to Maryanna and Stanislaw Kovalski. He married Eldena Weisheit in November 1947, together they lived in Middletown. She preceded him in death on Nov. 23, 1985. He continued to live in Middletown until December 2006, at which time he moved to Colorado to be closer to his sons and daughter. He enlisted in the Army at the beginning of World War II at the same time as Tony, W2GUM-SK and served in the South Pacific, earning the rank of master sergeant. He worked for many years after the war at Fort Monmouth. His hobbies included being a ham radio operator, dancing and listening to polka music.

Survivors include a sister, a brother, three sons, two daughters, seven grandchildren; and one great-granddaughter.

The viewing and funeral were held in Colorado. In lieu of flowers, contributions may be made in his name to The Wounded Warrior Project, 7020 AC Skinner Parkway, Jacksonville, FL 32256.

ONE-DAY CLASS SUCCESSFUL

Jeff, N2LXM again conducted a one-day technician radio license class and did an excellent job. He had only six Civil Air Patrol students and at the end of the day, four passed the tech test and two failed. We also had one walk-in who passed the Tech, then took the General and passed that too.

SOUTH AFRICAN SATELLITE IN ORBIT

After several delays, South Africa's SumbandilaSat satellite finally blasted to orbit aboard a Soyuz rocket from the Baikonur Cosmodrome in Kazakhstan on September 16 <<http://www.russianspaceweb.com/baikonur.html>>. The main payload is a multi-spectral imager, but the satellite also carries an Amateur Radio component consisting of a 2 meter/70 cm FM repeater. After SumbandilaSat is fully commissioned, the repeater will be activated with an uplink at 145.880 MHz and a downlink at 435.350 MHz; there will also be a voice beacon at 435.300 MHz. The transponder mode will be controlled by a CTCSS tone on the uplink frequency. The CTCSS tone frequencies have yet to be announced. SumbandilaSat was sponsored by the Department of Science and Technology and was built at SunSpace in cooperation with the Stellenbosch University. In addition to the SA-AMSAT amateur module, the satellite carries Stellenbosch University's radiation experiment and software defined radio (SDR) project, an experiment from Nelson Mandela Metropolitan University and a VLF radio module from the University of KwaZulu-Natal.

From *The ARRL Letter*, No. 37, September 18, 2009

MORE CUBESATS IN ORBIT

Early Thursday morning (UTC), an Indian PSLV-C14 rocket carried the Oceansat-2 satellite <<http://en.wikipedia.org/wiki/Oceansat-2>> to orbit, along with four CubeSats and two RubinSats. The RubinSats are 8 kg research modules that will remain attached to the PSLV-C14 booster. CubeSats are very small satellites, typically only a few inches on each side. As they are a relatively inexpensive research spacecraft, they've become increasingly popular with university science programs. A number of CubeSats use Amateur Radio frequencies to downlink telemetry, as is the case with this latest group. Early reports indicate that all of the CubeSats are active. You can check out the frequencies and modes of the four satellites on the ARRL Web site: <<http://www.arrl.org/news/stories/2009/09/23/11090/?nc=1>>.

From *The ARRL Letter*, No. 38, September 24, 2009

CERT DRILL SEPTEMBER 26

There were 300 people at the site (Monmouth Park) of which about 50 people (victims) were painted up with various injuries.

We used APRS and tracked resources on the scene with it as well as receiving messages. We had Winlink set up and were sending out messages, about 15 or so.

CERT and MRC at first were attempting communications with 30 county radios all on the same freq. - they, I now hope understand why that does not work. At least they took my advice and had the 6 security people on their own freq. and they had no trouble at all.

We did step in and provide simplex tactical communications between the Triage, Hospital and Medical which they saw worked really well and took some of the congestion off of their channel. We also took over the operation of two other radios because the team members were just too busy to operate them and do their jobs too.

Also we noted that many of the people just do not understand to proper use of the radios and this caused lots of problems for them. At the very least they need more training on the use of the radios.

We had HF operational (40 meters) but the band Gods were not too nice so did not make any contacts.

Thanks to all of you who helped out.

Rich, N2SMV.

NEW FCC ENFORCEMENT CHIEF

Federal Communications Commission Chairman Julius Genachowski announced on September 9 that he has appointed P. Michele Ellison as Chief of the Enforcement Bureau. Ellison will take the helm of the Enforcement Bureau starting on September 28, 2009. "Protecting and empowering consumers through effective and timely enforcement of the Commission's rules and policies is a top priority for the FCC," said Chairman Genachowski. "Michele is a talented leader with vast communications experience and sound legal judgment, and I look forward to working with her in her new capacity."

From *The ARRL Letter*, No. 36, September 11, 2009

NOTES ON CALENDAR (see last page)

Large call letters denote birthdays e.g., **Margo Struening** December 1. All times are EDST. Contests are listed in the October QST, p. 78.

October 1 - **Holiday City ARC meeting** at 7 PM at Holiday City South Clubhouse in Toms River.

Oct. 2-3 – **PSK Rumble** from 8 PM Friday to 8 PM Saturday. See www.n2ty.org

October 3 – **OMARC Tailgate Hamfest** from 7:30 AM to 1 PM at Diana site on Marconi Road in Wall. \$5 per car. See www.omarc.org/

October 3 – **OMARC VE Test Session** 10:30 AM at Diana site on Marconi Road in Wall. For more information, contact Pat Brannick, N2BZD at 732-267-0308 or e-mail to pbrannick@aol.com

Oct. 3-4 – **Oceania DX Phone** from 4 AM Saturday to 4 AM Sunday. See www.oceaniadxcontest.com

October 4 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.

October 5 – **W1AW Qualifying Run** at 10 PM (10-35 wpm). See October QST, p. 102 or www.arrl.org/w1aw

October 6 – **Middletown Pancake House Luncheon** at noon at left rear table. All are welcome.

October 6 – **Old Barney ARC Meeting**, 7:30 PM at Ocean Acres Community Center in Manahawkin, NJ. See <http://www.obarc.org>

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

October 7 – **432 Sprint**, all modes from 7 PM to 11 PM. See www.svhfs.org

October 7 – **GSARA Meeting** at 7:30 PM at the MARS Building at Fort Monmouth.

October 8 – **Jersey Shore Amateur Radio Society (JSARS)** meeting in Riverview Park Recreation Building, Rt. 527 and Riverwood Drive in Toms River at 7:30 PM.

Oct. 9-10 – **10-10 Sprint**. All modes from 8:01 PM Friday to 7:59 PM Saturday. See www.ten-ten.org

October 10 – **OMARC Meeting**, 9:00 AM at the Diana Site on Marconi Road, Wall, NJ.

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

Oct. 10-11 - **Oceania DX CW** from 4 AM Saturday to 4 AM Sunday. See www.oceaniadxcontest.com

October 12 - **Monmouth County RACES Net** meets on 146.775 -600, PL=103.5 at 7:30 PM.

October 13 – **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

October 14 – **Holiday City VE Session** at 10 AM in Toms River. Pre-register with Larry Puccio, K2QDY at 732-349-2950 or e-mail at lpuccio1@comcast.net

October 15 – **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.

October 19 - **Monmouth County ARES Net** meets on 146.775 -600, PL=103.5 at 7:30 PM.

October 21 – **W1AW Qualifying Run** at 4 PM (10-35 wpm). See October QST, p. 102 or www.arrl.org/w1aw

October 21 – **GSARA Meeting** at 7:30 at the Red Cross, West Park Ave. and Shafto Road in Tinton Falls. Program is about early pioneers of radio.

Oct. 23-25 – **CQ WW SSB DX Contest** from 8 PM Friday to 7:59 PM Sunday. See www.cqww.com

October 24 – **Neptune Amateur Radio Club Meeting** at 9 AM at the American Legion on Gully Road in Neptune.

October 24 – **50 MHz Sprint**, all modes from 7 PM to 11 PM. See www.svhfs.org

October 26 – **Monmouth County RACES** on 146.775 -600, PL=103.5 at 7:30 PM. RACES members only.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Margo Struening Hol. City Mtg.	2 PSK Rumble	3 OMARC Tailgat OMARC VE PSK Rumble Oceania DX SSB
4 Oceania DX SSB InfoAge	5 ARES/RACES 7:30 CW Qual. Run 10	6 Pancake House Old Barney ARC QCWA News 9 PM	7 432 Sprint GSARA Mtg	8 JSARS Mtg.	9 10-10 Sprint	10 OMARC Mtg. MARC Mtg 10-10 Sprint Oceania DX CW
11 Oceania DX CW InfoAge	12 I RACES Net 7:30	13 Croyden VE 7 PM QCWA News 9 PM	14 Hol. City VE	15 JSARS VE	16	17
18 InfoAge	19 WB2KNS ARES/RACES 7:30	20 QCWA News 9 PM	21 CW Qual. Run 4 GSARA Mtg	22	23 CQ WW SSB DX	24 Neptune Mtg CQ WW SSB DX 50 MHz Sprint
25 CQ WW SSB DX InfoAge	26 R RACES Net 7:30	27 QCWA News 9 PM	28	29	30	31 Halloween



G.S.A.R.A.

8 DONNER STREET

HOLMDEL, NJ 07733

FIRST CLASS