



THE PROPAGATOR

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

FEBRUARY 2008

GSARA MEETING WED. FEB. 6

The next regular meeting of the GSARA will be held on **Wednesday, February 6 at 8:00 PM** at the MARS building in Fort Monmouth. You are encouraged to come early to enjoy the refreshments and the informal eyeball conversations. We look forward to seeing YOU at the meeting!

FORT MONMOUTH PASSES

If you have not yet renewed your Fort Monmouth pass, send Frank, W2XYZ the required data which will have to be entered into the Ft. Monmouth computer. 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.

THE GSARA WEBSITE NEEDS YOU

Bruce McLeod is getting tired after being the GSARA webmaster for ten years. He says he wants to let someone else have that pleasure. Just think – you can be your own boss and at the same time you can have the freedom to put your own creativity into action. You don't have to know HTML nor do you need sophisticated web page creation software. You can create pages in Microsoft Word and save them as HTML files. We already have an Internet Service Provider who gives us free space for our pages. Then you need is an FTP program to ship the pages off to the site. If you are interested in grabbing this opportunity or learning more about it, email Bruce at k2qwx@yahoo.com.

GSARA HOMEPAGE

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

GSARA CALENDAR

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

NEW EXTRA CLASS QUESTION POOL

The National Conference of Volunteer Examiner Coordinators (NCVEC) has released a new pool of 741 questions and 12 graphics <http://www.ncvec.org/page.php?id=338> for the Amateur Extra class license. This pool will become effective for examinations given on or after July 1, 2008, and should be in service until June 30, 2012. It can be downloaded from the NCVEC Web site in Word, PDF or RTF formats. If you have any questions concerning the new Amateur Extra question pool, please contact the NCVEC's Question Pool Committee via e-mail qpc@ncvec.org

From *The ARRL Letter*, No. 01, January 11, 2008

CLASSIC CARTOON BOOK AVAILABLE

"Gil: A Collection of Classic Cartoons from QST" is more than a book of illustrations -- it is a tribute to a legend, a man who, over a span of 40 years, created more than 1500 cartoons and drawings for QST and the ARRL. The work of Philip "Gil" Gildersleeve, W1CJD, became a tradition. In tribute to this talented, creative and devoted artist and ham, the ARRL presents in this book a reprint of a portion of the best of his work. Gil was an avid radio amateur, devoted family man and exceptionally active in the community. For several years he worked as a radio operator aboard merchant ships, later becoming News Editor of the Middletown (CT) Press. Although he became a Silent Key in 1966, his characters live on. Still today, Gil's conceptions remain alive in the minds of both old-timers and newcomers to Amateur Radio. Get your copy today at the ARRL Online Store <http://www.arrl.org/catalog/?item=0364>.

From *The ARRL Letter*, No. 01, January 11, 2008

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
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

Please remember to renew your membership in GSARA for 2008 if you haven't done so already. A year's membership is only \$15 (\$20 if you want *The Propagator* mailed to you). Dues may be paid at the February 6 meeting or mailed to:

Frank Wroblewski, W2XYZ
450-B Cheshire Ct.
Lakewood, NJ 08701

I had to make another trip out to Oregon in January to move my mother from the house in Eugene where she was living to a senior apartment in Portland (100 miles north) to be closer to my niece (her granddaughter) who is taking over the care giving from my sister who died in December. It required significant downsizing which was a bit traumatic for my mother and a lot of work for me. The move is finished and I hope my mother will settle in to her new digs without too much problem.

As you probably suspect, much of the information for the calendar of events on page 9 every month comes from the "Contest Corral" pages of QST. This was dramatically changed in the February QST where the new "Contest Corral" column is reduced to one page and contains less information. To get the starting and ending times of the various operating activities, I had to download an expanded version (in .pdf format) from www.arrl.org/contests. I'm not very pleased with this and hope improvements will be made.

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 March issue is February 15.

73 de Bob, w2od@arrl.net

GSARA CALENDAR

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

HUDSON DIVISION HOME PAGE

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

MINUTES OF JANUARY 2 MEETING

By Bob Buus, W2OD, Secretary

The meeting was called to order at Fort Monmouth by President Jeff Harshman, N2LXM, at 8:03 PM. After the pledge to the flag, all members present introduced themselves. There were 15 members and one guest present. The guest was Randy Kulzer, N2CUG from Wall. He had been a member of GSARA many years ago.

Treasurer's Report

Treasurer Frank Wroblewski, W2XYZ was absent so there was no treasurer's report.

Secretary's Report

The only correspondence was an appeal from Monmouth County Parks for a donation to become "Fiends of the Parks. No action was taken. The minutes of the December 2007 meeting had been published in the December Propagator. A motion was made by Nena, N2WAY and seconded by Pat, N2BZD to accept the minutes as published. The motion passed unanimously.

Health and Welfare

Ray Lett, W2NXG just got home from the hospital and is recovering from heart bypass surgery. He sent his regards to the club members and hoped to be back in action soon.

Old Business

Jim, K2EI had a chance to chat with KORH, one of the operators of the South Heartland Contest Society's station W0ICT in Kansas which placed first in the 1A class last Field Day. Like us, they ran under 150 watts and didn't get on 80 meters enough. But they did some things differently and ran up a much better score of 8,280 with 2225 contacts. Their primary antenna was the driven element of a tri-band beam (no directors or reflector) up about 55 feet on a tower. It provided good coverage both east and west without rotating it. Although they had 7 participants, only 4 people actually operated the station – 3 were contest CW operators and one was a contest phone operator. They kept the station on continuously for the 24 hours and usually camped on a frequency and worked the pile-ups until their rate dropped below 125/hr for phone or 75/hr for CW. Then they would move on to another mode or band. They

used TR LOG for their logging program and it worked very well. We might look into that logging program.

Public Service

Jeff, N2LXM announced that the next Public Service events are coming up in May with the MS170 bike-a-thon and in June, the Sheehan run in Red Bank.

Bernie, W2QFQ attended the Eatontown organization meeting as he is still active in RACES and represents Eatontown. He observed that the support for amateur radio is very strong. Bob, W2OD affirmed that the same is true in Holmdel.

Announcements

OMARC will again be offering Technician and General classes in the spring at the Diana site. See Pat, N2BZD for more details.

Kevin, W2FA knows someone selling an Icom IC-7000 for \$1000. See him if you are interested.

Lorraine, KC2FDR got her call letter license plates. She got the one put on the front OK but couldn't loosen the screws holding the back plate so she presently has different plates on the front and back. It was suggested that maybe the call letter plate in the back could be glued over the old plate somehow.

Jeff, N2LXM bought a bargain GPS receiver module for only \$4.50. He interfaced it to his laptop and, with proper software, it works just fine! What a bargain!

Closing

There being no further business, a motion was made by Nena, N2WAY and seconded by Ed, KB2SZW to close the meeting which was adjourned at 8:47 PM.

FIELD DAY PACKETS SOON READY

Get ready for ARRL Field Day, June 28-29, 2008. Packets will be available during the first week of February. Packets include the complete rules (including changes for 2008). Other reference items that will be available include forms, Section abbreviations, a kit to publicize your event with the local press and more.

From *The ARRL Letter*, No. 03, January 25, 2008

NEW SUNSPOT CYCLE STARTED

With the appearance of Sunspot 981 -- a high-latitude, reversed polarity sunspot -- on Friday, January 4, experts at NASA and the National Oceanic and Atmospheric Administration (NOAA) said that Cycle 24 is now here. "This sunspot is like the first robin of spring," said solar physicist Douglas Biesecker of the Space Weather Prediction Center (SWPC), part of NOAA. "In this case, it's an early omen of solar storms that will gradually increase over the next few years."

Solar physicist David Hathaway of NASA's Marshall Space Flight Center in Huntsville, Alabama concurred, saying that new solar cycles begin with a "modest knot" of magnetism, like the one that appeared on December 11 on the east limb of the Sun: "That patch of magnetism could be a sign of the next solar cycle. New solar cycles always begin with a high-latitude, reversed polarity sunspot." The region of magnetism that appeared back in December achieved high latitude (24 degrees North) and was magnetically reversed, but no supporting sunspot appeared until 25 days later.

Reversed polarity describes a sunspot with opposite magnetic polarity compared to sunspots from the previous solar cycle. High-latitude refers to the Sun's grid of latitude and longitude. Old-cycle spots congregate near the Sun's equator; new-cycle spots appear higher, around 25 or 30 degrees latitude. Sunspot 981's high-latitude location at 27 degrees north and its negative polarity leading to the right in the Northern hemisphere are clear-cut signs of a new solar cycle, according to NOAA experts. The first active regions and sunspots of a new solar cycle can merge at high latitudes while those from the previous cycle continue to form closer to the equator.

While experts vary in their predictions on when the solar cycle will peak and how strong it will be, NOAA, in April 2007, in coordination with an international panel of solar experts, predicted that the next 11-year cycle of solar storms "would start in March 2008, plus or minus six months, and peak in late 2011 or mid-2012." In the cycle forecast issued in April 2007, half of the panel predicted a "moderately strong cycle of 140 sunspots, plus or minus 20, expected to peak in October 2011. The other half predicted a moderately weak cycle of 90 sunspots, plus or minus 10, peaking in August 2012. An average solar cycle ranges from 75 to

155 sunspots. The late decline of Cycle 23 has helped shift the panel away from its earlier leaning toward a strong Cycle 24. The group is evenly split between a strong and a weak cycle."

NASA's Hathaway, along with colleague Robert Wilson at a meeting of the American Geophysical Union in San Francisco last month, said that Solar cycle 24 "looks like it's going to be one of the most intense cycles since record-keeping began almost 400 years ago." They believe the next solar maximum should peak around 2010 with a sunspot number of 160, plus or minus 25. "This would make it one of the strongest solar cycles of the past fifty years -- which is to say, one of the strongest in recorded history." Four of the five biggest cycles on record have come in the past 50 years. "Cycle 24 should fit right into that pattern," Hathaway said.

According to Carl Luetzelschwab, K9LA, "As for improvement in propagation on the higher bands, we still have a way to go before that happens, and it depends on the magnitude of Cycle 24. The Solar Cycle 24 prediction Panel has published predictions for Cycle 24, but unfortunately the panel did not reach one consensus prediction. If the larger of the two predictions comes true, we should expect consistent F2 propagation on 10 and 12 meters to start toward the end of 2009. If the smaller prediction comes true, this will be delayed about one year."

Luetzelschwab, who writes the column "Propagation" for the National Contest Journal (NCJ), continued: "While we wait for improved high band conditions, don't forget the low bands. Around solar minimum and for the next year or so, the Earth's geomagnetic field is at its quietest. This is good for low band propagation. Thus, right now is the time to start (or add to) your 80 and 160 meter DXCC efforts."

According to NASA's Tony Phillips, many forecasters believe Solar Cycle 24 will be big and intense. "Solar cycles usually take a few years to build to a frenzy and Cycle 24 will be no exception. We still have some quiet times ahead," says Hathaway.

From *The ARRL Letter*, No. 01, January 11, 2008

TIME CHANGES EVERYTHING

1977: Going to a new, hip joint

2007: Receiving a new hip joint

MORE PROBLEMS WITH PAVE PAWS

A second round of testing by US Air Force engineers has resulted in the identification of an additional seventy-five 70 cm repeaters in Northern California that must adjust their operations to eliminate harmful interference to the PAVE PAWS Updated Early Warning Radar (UEWR) located at Beale Air Force Base near Sacramento. As a result of these additions, new strategies for handling the situation are being put into place by the ARRL and the FCC.

"While ARRL knew that there was the possibility of additional repeaters being added in the follow-up list of those requiring mitigation, we are surprised by the large number of additions to the list," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "After our discussions with FCC officials, they are becoming actively involved in ensuring that the correct repeaters have been identified and that the mitigation being required is what is actually needed to resolve the ongoing problem in each case."

Henderson continued: "From the discussions with the Air Force, it is clear that the PAVE PAWS issue is going to be a continuing process. The ARRL needs to be involved since there can be additional repeaters identified as the Department of Defense continues testing at their radar sites."

To expedite any new mitigation actions needed due to the enlarged list, the FCC has now taken on the lead role of making initial contact with the owners of these newly identified repeaters. "The FCC has asked the ARRL to continue its work of aiding affected repeater owners with suggested mitigation actions," Henderson stated. "However, since any mandatory enforcement action would have to come from the FCC, it makes sense for them to take the lead at this point in time."

The ARRL will continue to provide information to individual repeater owners on specific mitigation techniques as well as information to the general amateur population. "We are committed to continuing to work with the Department of Defense, FCC and the Amateur Radio community to meet the amateurs' responsibilities as secondary users. But we are not an enforcement agency. Our goal is to ensure that the impact on amateurs in the 70 cm band is the least possible, consistent with those responsibilities," Henderson said.

A teleconference was held between representatives of the DoD, FCC and ARRL on Thursday, January 17 to assess the status of the repeaters on the initial DoD list, as well as discuss the strategies for working with repeater owners on the new, second, follow-up DoD list as quickly as possible.

During this conference call, Riley Hollingsworth of the FCC confirmed he had been in contact with repeater owners from the first DoD list who had not indicated their compliance with mitigation numbers provided by the ARRL in early Fall 2007. Hollingsworth reported he has had a positive response from each owner with whom he had spoken so far. There were several who had to be contacted via regular mail (instead of e-mail or telephone) who have not yet responded.

Hollingsworth also planned to start making contact with the owners of repeaters on the second list and begin the process towards amateur compliance within a short period of time. "Once a repeater owner has been contacted, the ARRL is ready to support their efforts in meeting the mitigation requirement," said Ed Hare, W1RFI, ARRL Laboratory Manager.

ARRL General Counsel Chris Imlay, W3KD, pointed out that any specific enforcement action or shut-down order from the FCC involving amateurs also provides for due process in those proceedings. He emphasized that even though amateurs have a secondary allocation status in the band, the DoD has the burden of proving that specific repeaters are causing harmful interference on a case-by-case basis.

From *The ARRL Letter*, No. 03, January 25, 2008

500 KHZ RECORD SET

On January 17, Neil Schwanitz, V73NS/WD8CRT, on Roi-Namur in the Marshall Islands, received a signal from experimental station WD2XSH/20. This experimental station, operated by Rudy Severns N6LF, is located in Cottage Grove, Oregon -- 4737 miles away from the island in the Kwajalein atoll. The 13 words-per-minute CW transmission was copyable by ear and also appeared in the Spectran capture. During this same week, the Belgian BIPT (the equivalent of the FCC) granted Belgian amateurs with full licenses access to 501-504 kHz with up to 5 W ERP; this is the first

general amateur allocation at 500 kHz. The ARRL 500 kHz experimental license, WD2XSH, was issued in September 2006 and has 20 active stations. Fritz Raab, W1FR, of Vermont, serves as experimental project manager for The 500 KC Experimental Group for Amateur Radio <<http://www.500kc.com/>>. Additional information can be found at the experiment's Web site and also in the July/August 2007 issue of QEX <<http://www.arrl.org/qex/2007/07/raab.pdf>>.

From *The ARRL Letter*, No. 03, January 25, 2008

MOTOROLA BUYS YAESU PARENT

On Wednesday, January 16, Motorola announced that its subsidiary, MI, Inc, has successfully completed its tender offer to acquire a controlling interest in Vertex Standard, parent company of Yaesu. The tender offer period expired on January 15 with approximately 5.4 million shares tendered and accepted. On November 5, 2007, Motorola launched the tender offer, in cooperation with Tokogiken (a privately held Japanese company controlled by Vertex Standard's president and CEO Jun Hasegawa) with the intention of forming a joint venture to develop and sell Vertex Standard products and develop select Motorola products. All regulatory clearances required for the transaction have been obtained.

Starting on January 22, Motorola will have a total ownership stake of approximately 78 percent of Vertex Standard on a fully diluted basis (excluding certain stock acquisition rights that are scheduled to be cancelled), following the settlement of the tender offer for approximately 12 billion Yen (almost \$112 million US dollars) in cash. Through a subsequent restructuring process, Motorola will own 80 percent of Vertex Standard, while Tokogiken will retain a 20 percent stake.

"We are extremely pleased to team with Motorola, a global technology leader that has been a leading provider and pioneer in 2-way radio communication solutions," Hasegawa said. "With Motorola, Vertex Standard will be stronger and better positioned to deliver new and innovative 2-way radio solutions for our customers."

Dennis Motschenbacher, K7BV, Yaesu's Executive Vice President for Amateur Radio Sales in North America, told the ARRL that he sees the joint venture of Vertex Standard and Motorola as "a

very good thing for Amateur Radio in general and Yaesu customers in particular. I hope our loyal customers will readily see this business venture for what it is, an opportunity to make a solid 50-plus year old Yaesu company even stronger and more formidable than is already the case. There is absolutely no reason to have the slightest concern about equipment warranties and the continuation of support for our products. I am really excited to see what the joint engineering capabilities of these two huge communications companies will bring in the way of new technology advancement for the Amateur Radio Service."

Motschenbacher continued: "There is a unique aspect of business that comes with Amateur Radio. It's not just about a radio. It's the relationship between the ham, the radio itself and the company that makes that radio. This relationship in Amateur Radio is far different than it is, say, between a buyer of a HDTV, the TV and the TV manufacturer. The relationship in Amateur Radio is far more personal and 'bonding,' per se. I am certain that we will do our utmost to ensure that Motorola understands this delicate bond. Since Motorola is leaving the day-to-day management of Yaesu in the hands of my boss, Jun Hasegawa, President of Vertex Standard, we can expect our longtime relationship with hams to remain intact."

According to Motorola, "[t]he joint venture is expected to expand and develop a comprehensive suite of products to address the rapidly growing demand for 2-way radio solutions. Vertex Standard's strength in the amateur, marine and airband (avionics) segments provides Motorola with access to new business opportunities. In addition, Vertex Standard's solutions are highly complementary with Motorola's products and add greater depth and breadth to Motorola's Government and Public Safety business. The venture also provides additional engineering talent for Motorola."

Following the restructuring, which will be implemented after the settlement of the tender offer, Vertex Standard will be de-listed from the JASDAQ. The joint venture company will continue to be called "Vertex Standard Co, Ltd" and will become a subsidiary of Motorola, with headquarters in Tokyo.

From *The ARRL Letter*, No. 02, January 18, 2008

AO-16 UP AS A REPEATER

Launched in January 1990, AMSAT-OSCAR 16 (AO-16) -- a digital satellite -- has been unavailable for use while the command team dealt with a serious computer problem. The satellite has since been recovered, and is now a voice repeater, at least for an unspecified "test period" using FM voice on the uplink, but transmits DSB voice on the downlink (best received on SSB).

Since AO-16 was recovered approximately six months ago, the command team -- Bruce Rahn, WB9ANQ, Jim White, WD0E, and Mark Hammond, N8MH -- attempted to reload the satellite software almost a dozen times without success. The team performed a series of tests that pointed toward a hardware failure that prevented the spacecraft software from restarting successfully.

AMSAT Vice President of Operations Drew Glasbrenner, KO4MA, said, "After concluding that the spacecraft computer system was damaged, and as discussions about decommissioning were taking place, Jim recalled a series of low-level commands that Tom Clark, K3IO, included in the spacecraft design during construction. One of these commands allows an uplink receiver to be directly tied to a downlink transmitter. The twist is that the uplink is regular FM, but the downlink via the BPSK transmitter is DSB. Mark placed the satellite in this mode early this week and did some testing."

Glasbrenner said the satellite hears very well; and by using either USB or LSB on the ground station receiver "allows for a very robust downlink. Tuning the downlink is just like on a linear transponder, meaning it is tight and with fast Doppler. Uplink tuning is not required, just as with the FM mode V/U satellites. My personal observations include being able to access and hear the satellite within one degree of the horizon, much lower than any other current bird for my location [in Florida]. This should be an easy satellite with omni antennas and a 70 cm preamp."

Glasbrenner said that he would like to open the satellite to general use for a test period. The uplink is 145.920 FM, and the downlink is 437.026 SSB +/- Doppler shift. He asks that users restrict their uplink power to a reasonable level, and to not transmit without being able to hear the downlink; all general single-channel guidelines apply.

From *The ARRL Letter*, No. 03, January 25, 2008

FYBO 2008 CONTEST ANNOUNCED

The 2008 FYBO (Freeze Your Butt Off) Contest, a winter QRP Sprint sponsored by the Arizona ScQRPions, will be held Saturday, February 2 from 11 AM to 7 PM EST. Operate QRP HF only, CW or SSB (5W max) near the QRP calling freqs (no WARC bands). Work stations once per band. Score 1 point per QSO.

Exchange RST, State/Province/DXCC Country (SPCs), first name, power out, and temperature (Fahrenheit) at OPERATOR'S POSITION. Indoor stations must report INDOOR temperature.

Multipliers:

SPCs (each counts once per band),
Field Location: x4 (Field per ARRL FD definition),
Alternative Power: x2,
QRPP (less than 1W): x2,
Lowest Operating Temp (at OP'S POSITION):
65+ F = x1;
50-64 F = x2;
40-49 F = x3;
30-39 F = x4;
20-29 F = x5;
Below 20 F = x6.

For contacts with **NQ7RP**, add 10,000 points.
One contact **per mode per band** allowed.

Final Score:

$[(\text{QSOs} \times \text{SPCs})](\times \text{Temp Multi})(\times \text{Field})(\times \text{AltPwr})(\times \text{QRPP}) + (\text{NQ7RP Bonus Points})$

Top Entry in each category receives a certificate.

Use the automated log submittal form link on the Operating Events Page for score submittal. Hard copy, if you must, to Mike ([K7DD](#)). Be sure to **INCLUDE AN EMAIL ADDRESS** for confirmation that we received your logs.

Include summary sheet, callsign, operator(s), power, location, and lowest operating Temp. Please include a mailing address for each entry so we can mail the certificates out.

NOTE: This is a fun contest, NOT an episode of Survivor. Be aware of the temperature and the possibility of cold injury! PLEASE be careful.

From www.azscqrptions.org

DXCC DESK NOT YET PROCESSING FJ

ARRL DXCC Manager Bill Moore, NC1L, reports that there has been some confusion circulating regarding the current processing time and how it is affecting the addition of St Barthelemy (FJ) to the DXCC list and Logbook of The World. Before processing 2008 applications (containing St Barthelemy cards), DXCC must complete and close out all 2007 applications. The pace of the current application processing allows an estimated completion period of late March. Upon completion of 2007 applications, we shut DXCC down for about a day while we run all of the yearly lists. Only after these lists are completed can we add FJ to the DXCC List and in turn, Logbook of The World. DXCC staff is working hard to reduce the turnaround time, and we appreciate your patience and understanding while we work to get caught up. You can help by planning your submissions wisely and taking steps to make sure your applications are prepared according to the instructions posted on the DXCC application form and as noted in the FAQ <<http://www.arrl.org/awards/dxcc/faq/>>. There will be plenty of time for everyone to have their Honor Roll submissions in place by December 31, 2008. For more information on the DX Century Club program, please see the DXCC Web site <<http://www.arrl.org/awards/dxcc/>>.

From *The ARRL Letter*, No. 03, January 25, 2008

2007 ARRL PERIODICALS ON CD-ROM

The 2007 ARRL Periodicals on CD-ROM includes all 2007 issues of QST, NCJ and QEX -- every word and photo published throughout the year is included. Search the full text of every article by entering titles, call signs, names or any word. See every word, photo (most in color), drawing and table in technical and general-interest features, columns and product reviews, plus all advertisements. Print what you see, or copy it into other applications. The CD also includes Section News and ARRL Contest Results, including individual scores and Contest Soapbox. System Requirements: Microsoft Windows and Macintosh systems, using Adobe Acrobat Reader (included). Get your copy at <<http://www.arrl.org/catalog>>.

From *The ARRL Letter*, No. 02, January 18, 2008

HIRAM PERCY MAXIM DIES AT 72

The grandson of ARRL co-founder Hiram Percy Maxim, W1AW, died at home in Lyme, Connecticut January 12 after a lengthy battle with prostate cancer. Hiram Percy Maxim II -- called HPM just like his grandfather -- was 72. Not a ham, Maxim told the Newington Amateur Radio League at an October 2002 meeting that he doesn't feel he shares the inventive talents of his grandfather and great-grandfather, who held many patents between them; Maxim's great-grandfather invented the machine gun. He told the club audience that his grandfather took on radio and filmmaking as diversions from inventing -- an endeavor he considered extremely hard work. He also thought of Amateur Radio as a means to "bring together" individuals from distant locations and believed that communication was a key to better understanding other people and cultures. The elder Maxim -- often referred to as "The Old Man," or "TOM" -- was an amateur film buff, and a highlight of his grandson's 2002 presentation was a short 16 mm film that showed HPM and some of his friends working, relaxing and frolicking on the grounds of the family's summer home in Lyme, Connecticut, where HPM II lived until his death. His son, Merritt Maxim, told the ARRL, "Even though he didn't have an Amateur Radio license, he was aware of the importance of his family's role in founding the League. Through his father, my grandfather -- an active engineer -- he continued to maintain an interest in all things mechanical." A memorial service was held at the Lyme Public Hall on January 21. Burial was private. Memorial contributions may be made to the Lyme Public Hall Association, 249 Hamburg Rd, Lyme, CT 06371

From *The ARRL Letter*, No. 02, January 18, 2008

UPCOMING HAMFESTS

Sunday, February 24: LIMARC Hamfest and VE Indoors at Levittown Hall, Hicksville, NY.

8 AM, \$6.00 admission.

For more information: www.limarc.org

Saturday, March 1: Split Rock ARA Hamfest Indoors at Parsippany PAL

Parsippany, NJ

For more info.: www.splitrockara.org/hamfest

NOTES ON CALENDAR (see reverse side)

Large call letters denote birthdays e.g., N2TQG February 2. All times in EST. Contests are listed in the Feb. QST, p. 84.

February 1 and every Friday – **Lunch at Blue Swan Diner**, Rt. 35 South, Ocean Township at noon.

Feb. 1-3 – **Ten-Ten Phone QSO Party** from 7:01 PM Friday to 6:59 PM Sunday. See www.azscqrptions.org/FYBO2008.htm

February 2 – **OMARC VE Session** at 10 AM at Diana Site on Marconi Road.

February 2 – **FYBO QRP Winter Field Day** from 1 PM to 7 PM. See www.azscqrptions.org

Feb. 2-3 – **YL-OM CW Contest** from 11 M Saturday to 9 PM Sunday. See www.ylrl.org/ylcontests.html

February 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.

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

February 5 – **Middletown Pancake House Luncheon** is canceled for New Years Day.

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

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

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

February 6 – **W1AW Qualifying Run** at 7 PM (10-35 wpm). See February QST, pp. 83 and 99.

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

Feb. 8-10 – **CQ WW RTTY WPX** from 7 PM Friday to 7 PM Sunday. See www.cq-amateur-radio.com

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

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

Feb. 9-10 – **YL-OM Phone Contest** from 11 AM Saturday to 9 PM Sunday. See www.ylrl.org/ylcontests.html

February 9 – **FISTS CW Winter Sprint** from noon to 4 PM. See www.FISTS.org

Feb. 10-11 – **Classic Exchange, Phone** from 11 AM Sunday to 3 AM Monday. See www.qsl.asti.com/CX

February 10 – **FM Simplex Contest**, 50-440 from 2 PM to 5 PM. See www.w9rh.org

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

February 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.

Feb. 15-17 – **ARRL DX CW Contest** from 7 PM Friday to 7 PM Sunday. See www.arrl.org/contest

February 19 – **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

February 21 – **W1AW Qualifying Run** at 4 PM (10-35 wpm). See February QST, pp. 83 and 99.

February 21 – **JSARS VE Test Session** at 7:30 PM Riverview Park Recreation Bldg., Rt. 527 and Riverwood Drive in Toms River. Contact Ed Genoio, WA2NDA at 609-971-2792 or wa2nda@comcast.net.

Feb. 22-24 – **CQ WW 160 Meter SSB** from 7 PM Friday to 7 PM Sunday. See www.cq-amateur-radio.com

February 23 – **Neptune Amateur Radio Club Meeting** at 9 AM at Irv's Deli, Route 33, Neptune.

Feb. 23-24 – **North American RTTY QSO Party** from 1 PM Saturday to 1 AM Sunday. See www.ncjweb.com/naqprules.php

February 24 – **LIMARC Hamfest** at Hicksville, LI from 8 AM. See www.limarc.org

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

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Blue Swan 10-10 SSB	2 N2TQG 10-10 SSB OMARC VE FYBO QRP YL-OM CW
3 YL-OM CW 10-10 SSB InfoAge	4 ARES/RACES 7:30	5 N2ZZP Pancake House Old Barney ARC QCWA News 9 PM	6 CW Qual. Run GSARA Mtg	7 Hol. City Mtg.	8 Blue Swan CQ WW RTTY	9 OMARC Mtg. CQ WW RTTY MARC Mtg YL-OM SSB FISTS CW
10 InfoAge CQ WW RTTY Classic Phone YL-OM SSB FM Simplex	11 Classic Phone RACES Net 7:30	12 QCWA News 9 PM	13	14 JSARS Mtg.	15 Blue Swan ARRL DX CW	16 ARRL DX CW
17 ARRL DX CW InfoAge	18 ARES/RACES 7:30	19 Croyden VE 7 PM QCWA News 9 PM	20	21 CW Qual. Run JSARS VE	22 Blue Swan CQ WW 160SSB	23 Neptune Mtg CQ WW 160SSB Digital QSO Pty.
24 InfoAge KG2IK CQ WW 160SSB Digital QSO Pty.	25 RACES Net 7:30	26 QCWA News 9 PM	27	28	29 Blue Swan	



G.S.A.R.A.

8 DONNER STREET

HOLMDEL, NJ 07733

FIRST CLASS