



THE COMPASS



THE OFFICIAL NEWSLETTER OF THE GREAT SOUTH BAY AMATEUR RADIO CLUB

VOLUME 33 ISSUE 10

“..serving the community through Public Service.”

October, 2005

GSBARC 2005 OFFICERS

President: Thomas Favilla,	N2MIG
Vice Pres: Joseph Mielko,	N2IMF
Treasurer: John Cresson,	KC2JGH
Corr. Sec.: Walter Wenzel,	KA2RGI
Rec. Sec.: Margaret Mielko,	KB2IDZ
Dir. 2005: Dom Stengele,	WA2UJI
Dir. 2005: Frank Cannata,	K2LI
Dir. 2006: Jay Eichner,	N2PIK
Dir. 2006: Alan Shaw,	N2CRV

Upcoming GSBARC Events

Board Meeting – 2nd Thursday 8:00 PM

Nov 10, Dec 8

VE Session – 4th Sunday 12:00 PM

Oct 23, Nov 27, Dec 18

General Meeting – Last Thur. 8:00PM

Oct 27, Nov 17, Dec 15

Open House 12:00 – 2:00PM

Every Saturday @ Town Hall EOC
September thru June

NETS

Newsline Report -

Monday 7:00 PM 146.685/R

Club Info Net -

Monday 7:30 PM 146.685/R

DX/Contest Info -

Monday 8:00 PM 146.685/R

TOBARES Net -

Monday 8:15 PM 146.685/R

Swap 'n Shop Net -

Tuesday 7:30 PM 146.685/R

10 M Net -

Tuesday 8:00 PM 28.320

Club Info Net -

Wednesday 10:00 AM 146.685/R

REPEATERS

2 M	146.685/146.085	PL 110.9
1 1/2 M	223.860/222.260	PL 131.8
70 CM	440.850/445.850	PL 114.8

WEB SITE

www.gsbarc.org

Mirror Site: www.qsl.net/g sbarc

GSBARC OFFICERS & DIRECTORS

SLATE OF NOMINATIONS

DECEMBER 1, 2005 THRU NOVEMBER 31, 2006

President	Jay Eichner, N2PIK Frank Cannata, K2LI Bob Myers, K2TV ** Walter Wenzel, KA2RGI **
Vice President	Jay Eichner, N2PIK Frank Cannata, K2LI Bob Myers, K2TV Walter Wenzel, KA2RGI
Recording Secretary	
Corresponding Secretary	Walter Wenzel, KA2RGI
Treasurer	John Cresson, KC2JGH
Director ending 2006 Immediate Past Pres.	* Tom Favilla, N2MIG
Director ending 2006	* Jay Eichner, N2PIK
Director ending 2006	* Alan Shaw, N2CRV Frank Cannata, K2LI Bob Myers, K2TV
Director 2007	Dave Wandell, N2UHR Charles Rousselet, N2MZK Danny Albrecht, WB2COO

* - Position not up for election this year. ** - Declined Nomination

VOTING PROCEDURES

(a) At the September Executive Meeting the President shall appoint a chairperson of the nominating committee who shall with the assistance of no less than two additional club members canvas the membership for a slate of candidates for the club officers. All candidates on this list must be approached by the committee and be ready to accept nomination when it is read before the membership. The list shall be read, by the chair of this committee, at the beginning of the first round of nominations before any additional nominations are taken from the floor. Before any nominations are taken, the nominating committee chairperson will read to the membership the duties of each office from the constitution and by-laws.

(b) First round of nominations for Club Officers will be at the October General Meeting. All nominees at this meeting must state their acceptance or decline of nomination by the start of the second round of nominations.

(c) Second round of nominations for Club Officers will be at the November General Meeting. All new nominees must have stated their previous acceptance to a nomination if not present for the second round of nominations.

(d) Elections for Club Officers will be held immediately after the conclusion of the second round of nominations for each Club Officer.

(e) The sequence of elections shall follow Article II Section 1a of the Constitution.

(f) All voting for Club Officers shall be by secret ballot and the results of the vote shall be announced to the membership at the meeting and shall be published.

GENERAL MEETING MINUTES



Location: Babylon Town Hall EOC
Lindenhurst, NY
Thursday September 29, 2005

No Minutes Presented

Discussion of topics from previous Board Meeting

Motion was made to purchase replacement 220 repeater for \$1000.00 at 9/29/2005 General Meeting. This includes repeater, duplexer, and station master antenna. Club will supply \$500 when membership has supplied \$500. Motion made by K2LI seconded by WB2COO. Discussion followed. Vote was unanimous.

Guest Speaker: None



EXEC BOARD MEETING MINUTES
Location: Babylon Town Hall EOC
Lindenhurst, NY
Thursday October 13, 2005

Meeting started at 8:00 pm

Board Members Present:

President: Thomas Favilla, N2MIG
Treasurer: John Cresson, KC2JGH
Corr. Sec.: Walter Wenzel, KA2RGI
Dir. 2005: Frank Cannata, K2LI
Dir. 2006: Alan Shaw, N2CRV

Board Members Not Present:

Vice Pres: Joseph Mielko, N2IMF
Rec. Sec.: Margaret Mielko, KB2IDZ
Dir. 2005: Dom Stengele, WA2UJI
Dir. 2006: Jay Eichner, N2PIK

Members Present

Don, W2EUL
Charles, N2MZK
Tom, KC2MOX
Ken, N2ZN

Correspondence

PO Box:

Bank Statement: Bank of NY
LARC Newsletter
Membership Information Update KC2NMJ
Membership Renewal – KC2LKS

Treasurer's Report:

\$ 1,430.33 Present Balance

Compass:

Submission Deadline –
Saturday after Exec. Board Meeting
Update compass on www.qsl.net/gsbarc site and
<http://groups.yahoo.com/group/gsbarc/sites>.
Update on www.gsbarc.org still pending action from web host.



Web Site:

www.gsbarc.org – Site updated
www.qsl.net/gsbarc- Up to date with updates.

Education Report



Technician Class Theory:

Next scheduled class Sept 20th.

General Class Theory:

To be scheduled after New Year

Extra Class Theory:

To be scheduled after New Year

Repeater Report:

146:

No Change.

220:

Club approved to purchase replacement 220 repeater for \$1000.00 at 9/29/2005 General Meeting. This includes repeater, duplexer, and station master antenna. Club will supply \$500 when membership has supplied \$500. Donations were accepted at meeting and amount collected was over \$450. Need assistance to get

440:

Antenna or feed line at town hall tower still has problems. Needs to be replaced or fixed. Need to get some way or someone to access tower. Town does not have ability for rapid repair.
Repeater is working from Good Sam Site until further notice.

Nets

2 Meter Club Net - Need more operators for Net Control Swap and Shop – Up and running.,
10 Meter Net – Brian needs backup Net Controls when he has to work late.



Club Equipment:

TOBARES:

Monthly meeting is the third Thursday @ TOB EOC 8 pm. Next meeting is Aug. 18th.
Skywarn Monthly Net – 1st Wed. 8:00 pm – 145.310/R118.8 PL



Scheduled Public Service & Events:

Oct 23 – 8:00 AM – 1:00 PM Setup 6:00 AM
TOBARES Hamfest Knights of Columbus Hall



Check www.tobares.org for more events.

Old Business

New Business

HRU 2006 to be held a planning session Oct 18th at the EOC. A new chairperson for 2006 is needed, Keynote speaker for HRU 2006 will be Gordon West.

Health & Welfare

Motion to adjourn K2LI Meeting adjourned 8:40 PM

Respectfully submitted:
N2MIG President



2005 SIMULATED EMERGENCY TEST

SUGGESTED OCT 1 – 2 - HELD OCT 16

The ARRL Simulated Emergency Test is a nationwide exercise in emergency communications, administered by ARRL Field Organization Leaders including Emergency Coordinators, District Emergency Coordinators, Section Emergency Coordinators and Net Managers. Many other Section Leaders like the Section Manager and the Section Traffic Manager may have a hand in planning the exercises and/or reviewing the results. Amateur Radio Emergency Service (ARES), National Traffic System (NTS), Radio Amateur Civil Emergency Service (RACES) and other public-service oriented groups can be involved. The SET weekend gives communicators the opportunity to focus on the emergency-communications capability within your community while interacting with NTS nets. Although the main SET weekend this year is October 1-2, local and section-wide exercises may be held throughout the fall season.

During September, the ARRL will be among dozens of organizations and agencies taking part in National Preparedness Month. "The Ready Campaign," produced by the Ad Council in partnership with the US Department of Homeland Security (DHS), is aimed at making citizen preparedness "a priority for every city, every neighborhood and every home" in the US. The ARRL encourages you to consider this year's Simulated Emergency Test and preparations for it as a demonstration of Amateur Radio's readiness and as an active participant in National Preparedness Month.

Purpose of SET

1. To find out the strengths and weaknesses of ARES, NTS, RACES and other groups in providing emergency communications.
2. To provide a public demonstration--to served agencies such as the American Red Cross, the emergency management agency and through the news media--of the value to the public that Amateur Radio provides, particularly in time of need.
3. To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated-emergency conditions.

Format

The scoring format reflects broad objectives and encourages use of digital modes for handling high-volume traffic and point-to-point Welfare reports out of the affected simulated- disaster area. Participants will find SET an opportunity to strengthen the VHF-HF link at the local level, thereby ensuring that ARES and

NTS are working in concert. The SET will give all levels of NTS the chance to handle exercise-related traffic. The guidelines also recognize tactical traffic on behalf of served agencies.

Test messages should carry the word "TEST" before the precedence; that is, "Test Priority" on phone and "TEST P" on cw. The text of such messages should also begin with the words "TEST MESSAGE."

ARES units and other groups are free to conduct their emergency exercises anytime between September and December if an alternative date is preferred. The activity period should not exceed 48 hours.

Preparation is Important

Steps for the Emergency Coordinator

1. Sign up all available amateurs in the area under your jurisdiction and work them into your SET plans.
2. Call a meeting of all ARES members and prospective members to briefly outline (no details!) SET activities, and give general instructions. Do not divulge the exact time or nature of the test to them at this time. This should come as a surprise. Take this opportunity to register new ARES members and get up-to-date information on others. Hold an on-the-air meeting if it's not possible to meet in person.
3. Contact served agencies and explain the intent and overall purpose of the SET. Offer to send test messages to other branches of their agencies, and invite officials to your ARES meetings and SET operating sites.
4. Contact officials of any adjacent communities having no active amateurs and offer to provide representation in amateur networks for them as well.
5. Arrange publicity in consultation with an ARRL Public Information Officer in local newspapers and radio/TV stations by preparing an announcement and/or inviting the press to observe your group's SET operation.
6. Set up liaison with one or more NTS local/section nets (if you don't already have liaison) so you will have an outlet for all messages out of the local area.
7. Formulate your plans around a simulated disaster. Possible "plots" include: a flood, a serious fire, an ice storm, a missing person, a serious accident (automobile, bus, aircraft, for examples), a broken gas line, and so forth. Elaborate on the situation by developing a scenario, but please be realistic.

During the SET

1. Announce the emergency situation. Activate the emergency net. Dispatch mobiles to served agencies.
2. Have designated stations originate messages on behalf of served agencies. Test messages may be sent simulating requests for supplies. Simulated emergency messages (just like real emergency messages) should be signed by an authorized official.

3. Emphasize tactical communications for served agencies.
4. As warranted by traffic loads, have liaison stations on hand to receive traffic on the local net and relay to your section net. You should also be sure that there is a representative on each session of the section net to receive traffic going to the local area.
5. Operate at least one session (or substantial segment of a session) of the local net on emergency-only basis. Or, if a repeater is on emergency power, allow only emergency-powered stations to operate through the repeater for a certain time period.

After the SET

An important post-SET activity is a critique session to discuss the test results. All ARES (and RACES) members should be invited to the meeting to review good points and weaknesses apparent in the drill. Emphasize ways to improve procedures, techniques, and coordination with all groups involved. Report your group's effort using the appropriate forms and include any photos, clippings and other items of interest.

The Role of NTS

The main function of the National Traffic System in an emergency situation is to tie together all of the various local activities and to provide a means by which all traffic destined outside of a local area, section or region can be systematically relayed to the addressee.

Normal NTS routing should be followed. A valid exception is the handling of emergency traffic that should be routed as rapidly and efficiently as possible, bypassing various levels of nets when delivery can be expedited. Another exception is when one station is loaded down with traffic for one region or section. At the discretion of the Net Control Station (NCS), the station may be directed to bypass a normal channel and go directly to a lower (or higher) echelon net.

The interface between NTS and ARES lies in the liaison function between local nets and other NTS nets, particularly at the section level. Responsibility for representation of the local network on the section net lies with the local net manager who may or may not be the EC. Although we usually think of ARES members being the representatives in section nets, it is equally valid to expect NTS personnel to act as liaison to local nets.

At least one net session or substantial segment of a session should be conducted on emergency power. Plan a surprise session or two. Advise the NCS just before net time. If NCS is unable to operate on emergency power, then someone else

must be net control. Only stations operating on emergency power may report in during this time.

Summary

One of the first steps on the way to a successful SET is to try to get as many people involved as possible, and especially new hams. In a real emergency, we find amateurs with all sorts of varied interests coming out of the woodwork. Let's get them involved in SET so they will know more about how emergency communications should be handled. Promote SET on nets and repeaters, and sign up new, enthusiastic radio amateurs. Many of those offering to help will be inexperienced in public-service activities. It's up to you to explain what's going on to them, and provide them with useful roles. They may like it so much that they become a permanent fixture in your ARES or NTS group. For a review of last year's nationwide Simulated Emergency Test, read the article in July, 2005, *QST*. Thanks to your efforts, the public service tradition in Amateur Radio continues!

Article from the ARRL Website



GREAT SOUTH BAY ARC YAHOO REFLECTOR



GSBARC has an email reflector that is used to help keep members up to date with information about the club via emails. To become part this Yahoo Group go on the web to: <http://groups.yahoo.com/group/gsbarc/> and click the button on top "Join This Group", or contact Joe, N2IMF for more information.



GSBARC Swap and Shop

Wilson VR-1000 Rotor and Control Box

Brand New in original box Sold originally for \$1300 plus. Unit is 10 years old never been used. Carton box is crumbling. Looking for \$800.

Still have some items from multiple estates (K2EAX, N2FIF, KB2CJ) that have not been sold. Need to settle estates with families soon.

Contact Walter KA2RGI for more details 631 957-0218.

Computer parts and UPS' that need little or no work .

Contact Dave, N2UHR for more details 631 842-6340.

NEW ARRL PETITION SEEKS TO RESOLVE BPL STANDOFF

Not all BPL systems are created equal. Some have far less potential to interfere with Amateur Radio than others. That's the rationale behind a petition the ARRL filed this week, asking the FCC to modify the Part 15 BPL rules it adopted a year ago and sharply reduce BPL's interference potential. In exchange, the League said it would withdraw its still-pending Petition for Reconsideration in the BPL proceeding, ET Docket 04-37. The ARRL says its suggested rule amendments--which take into consideration recent advancements in BPL technology--will "resolve unsettled but substantial interference issues" affecting Amateur Radio and other HF users.

"It is no longer the case that all BPL systems inherently radiate high levels of RF energy on amateur allocations on overhead medium-voltage power lines," the ARRL said. "Thus, not all BPL architectures have similar potential for harmful interference to the Amateur Radio Service (and to other licensed services). Some have inherently greater potential for interference, as currently configured, than others."

The problematic systems, the League said, are those that make use of the HF spectrum on unshielded overhead medium-voltage lines. BPL systems such as those using DS2 or Main.net technology that lack fixed, permanent notches in the ham bands, the ARRL noted, have been among those involved in interference cases. "As detailed in ARRL's Petition for Reconsideration in this proceeding, "this has resulted, in field tests and in deployments, in substantial, extremely difficult-to-resolve incidents of interference to fixed and mobile Amateur Radio facilities," the League said.

The ARRL said the FCC "has assisted not at all, or imperceptibly, in these cases, and the BPL system operator has either been uncooperative or unable to resolve the interference."

The League said its proposed additional regulations would permit those BPL architectures that are "benign," while discouraging "first-generation interference-causing BPL configurations, unless the latter modify their systems in certain minor aspects." A "benign" system, the ARRL noted, would not apply HF signals on overhead medium-voltage lines and would include fixed, permanent notches in the amateur bands.

Among the several BPL system designs that implement BPL without creating harmful interference to amateur operations, the ARRL specifically cited the Motorola Powerline LV BPL system. Motorola's system doesn't use medium-voltage power lines, and it has been designed to preclude interference to ham radio and other licensed services.

For several weeks, ARRL and Motorola have cooperated in a BPL test stand at W1AW that has operated successfully without significant interference to Amateur Radio. The League also cited BPL systems by Current Technologies, IBEC and Corridor Systems as being among those that meet the additional requirements it's proposing. Current Technologies' BPL deployment in the Cincinnati, Ohio, area, for example, does not make use of medium-voltage lines for transmission of HF signals and utilizes the HomePlug notching protocol. Limited testing, the ARRL said, indicates that, as a result, the interference potential "is minimal relative to Amateur Radio facilities."

Incorporating three elements into the BPL rules adopted last year would essentially resolve all issues that the ARRL and the Amateur Service have with access BPL, the League said:

Prohibiting all access BPL systems from using Amateur Radio allocations (except the five channels at 5 MHz, which the current HomePlug system architecture does not notch); prohibiting access BPL systems from using HF bands on medium-voltage power lines; and measuring signal decay from access BPL systems using a more accurate 20 dB/decade extrapolation factor rather than the 40 dB/decade factor the current rules support.

Adopting its proposals, the League said, would result in a more robust product that meets the Commission's stated goals of accommodating BPL as an additional broadband option while protecting licensed radio services. "The present BPL rules achieve the first of the goals, but they are woefully inadequate to meet the second," the ARRL said.

"It is the Commission's obligation to recognize and utilize this opportunity and to amend its rules to protect licensed radio services for the first time in this proceeding," the ARRL concluded. "It can be done without significant system redesign by any BPL provider."

A copy of ARRL's petition is on the League's Web site



HUDSON DIVISION AWARDS DINNER TICKETS AND AD FORMS AVAILABLE ON LINE

Last Call for Ads and Tickets

Tickets and Ad forms are available for the 2005 Hudson Division Awards Dinner to be held Saturday night November 12th, at the Elk's Lodge in Park Ridge, New Jersey to honor our recipients.

Visit <http://www.hudson.arrl.org> We hope to see you there!! Besides good food and friendly people we have loads of good door prizes and a rig raffle or two. Please join us! NO tickets will be sold at the door.



Deadline is October 31 to file comments in FCC "Morse code" proceeding

With just a few days to go before the filing deadline, more than 2600 comments have been filed in response to the FCC "Morse code" Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 05-235. The NPRM&O has proposed to do away with the 5 WPM Morse code requirement for all license classes. It also denied several proposals to create a new entry-level license class.

The closing date for comments is Monday, October 31. Reply comments are due Monday, November 14.

To file on-line comments on the FCC NPRM&O in WT Docket 05-235 or to view others' comments in the proceeding, visit the FCC Electronic Comment Filing System (ECFS), <http://www.fcc.gov/cgb/ecfs/>. In the "Proceeding" field, enter "05-235" (without the quotation marks but including the hyphen).

Alternative filing formats are available for people with disabilities. Contact the FCC to request reasonable accommodations (accessible format documents, sign language interpreters, CART, etc) by e-mail, FCC504@fcc.gov, or telephone 202-418-0530 or TTY 202-418-0432.

For additional information, contact William T. Cross, Public Safety and Critical Infrastructure Division, Wireless Telecommunications Bureau, William.Cross@fcc.gov; 202-418-0680; TTY 202-418-7233.

An FCC Report and Order in this proceeding is not likely until sometime in 2006. NNNN /EX

GSBARC VE Schedule

Contact & Liaison: Tom Odermatt, K2ZDX (631) 673-1459

Location: Babylon Town Hall EOC – 12 Noon

October 23

November 27

December 18



Birthday Wishes

October
Frank, KC2EXO
Pete, N2GBM
Joe, KC2MCE
Tom, N2MIG
Candice, N2QES
Bethany, No Call Yet

If your birthday is not listed we may not have all the info in our database. Let Ken, N2ZN know your correct information.



Great South Bay ARC
P.O. Box 1356
West Babylon, NY 11704-0356