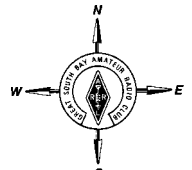


THE COMPASS



THE OFFICIAL NEWSLETTER OF THE GREAT SOUTH BAY AMATEUR RADIO CLUB

VOLUME 30 ISSUE 7

“..serving the community through Public Service.”

Jul, 2003

GSBARC 2003 OFFICERS

President: Walter Wenzel, KA2RGI
Vice Pres: David Wandell, N2UHR
Treasurer: Tom Carrubba, KA2D
Corr. Secretary: Scott Verity, KC2FBV
Rec. Sec: PattyLynn Wandell, KC2AUX
Director 1: Dom Stengele, WA2UJI
Director 2: Frank Spinazzola, KC2EGK
Director 3: Phil Lewis, N2MUN
Director 4: Charles Rousselet, N2MZK

UPCOMING EVENTS

GSBARC General Meeting – 8:00PM

Thursday Jul 31, 2003

Thursday August 28, 2003

Thursday Sept 25, 2003

GSBARC VE – 12:00 PM

Sunday Jul 27, 2003

Sunday August 24, 2003

Sunday September 28, 2003

GSBARC Board Meeting – 8:00 PM

Thursday Jul 10, 2003

Thursday August 14, 2003

Thursday September 11, 2003

GSBARC Open House 12:00 – 2:00PM

Every Saturday @ Town Hall EOC

NETS

Newsline Report -

Monday 7:00 PM 146.685/R

Club Info Net -

Monday 7:15 PM 146.685/R

DX/Contest Info -

Monday 7:15 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

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

70 CM 447.625/442.625 PL 114.8*

*Repeater owned by Chris Baumgartner, WA2AMX

President's Message

By Walter, KA2RGI

Here it is July, just over the half way mark of the year, the longest day has already past and the cycle is in route to shorter days and longer nights. It is the time when most people are in the middle of their vacations or finishing the preparation for them. It's the time when people slide away from the radios and spend more time with their families. Net participation goes down, meeting attendance becomes sparse also. The familiar voices on the repeater become replaced with the ever more familiar sounds of silence and the occasional burst from a neighboring system other than our own. The nights are hot and the days are hotter. We look back at our thoughts this past spring and say to ourselves, "Is this the weather I was wishing for when we it seemed like it was never going to warm up or stop raining?"

Well yes it is and here is an interesting fact; even though we had a sub-normal spring and a cool start to summer with the off shore waters being almost 20 degrees below normal on June 30, July has indeed warmed up and the lack of rain has also helped to reheat the things, So much to the fact that the off shore waters are right at the average temperature or slightly above it. What does this mean to you? It means you should be prepared for any weather emergency that could occur. The weather and the water conditions are prime for any coastal storm to come up along the coast and create havoc with us. Because of the spring we had many forecaster backed off their early reports of possible hurricanes or severe storms for our area, but with the changes in the last month everything is right back on schedule or moved up slightly on their original forecast of a very active weather season this August and September. So just keep this in mind and be prepared.

Event schedule for August through October:

August 16/17 Fire Island Lighthouse Weekend, Fire Island Lighthouse

Contact: Tom, KA2D or Phil, N2MUN

August 23 Annual Picnic at Babylon Town Hall East Lawn

Contact: Walter, KA2RGI

September 7 Babylon Village Beautification Society Country Fair, Argyle Lake

LIMARC Hamfest, Bethpage, NY

MS Bike Tour, Oakdale, NY

Contact: Joe, KC2BPS

September 9 Technician Classes start Babylon Town Hall EOC 7:30PM

Contact: Walter, KA2RGI

October 5 Fire Prevention Show & Open House East Farmingdale Fire Dept.

Contact: Walter, KA2RGI

HOSARC Hamfest, Flushing Meadows, NY

October 12 Nutmeg Hamfest Alliance, Wallingsford CT

October 26 TOBARES Hamfest, Lindenhurst, NY

Contact: Walter, KA2RGI

73, Walter KA2RGI

Home page –	Tom, KA2D
DX Cluster –	Tom, KA2D
Repeaters –	Walter, KA2RGI
VE Sessions –	Tom, KA2D

GSBARC VE Exam Schedule

May 25 Babylon Town Hall EOC – 12 Noon

June **NO VE** - [Field Day](#) -6/28-6/29 Babylon Town Hall

July 27 * New [Tech Test](#) eff. July 1
Babylon Town Hall EOC – 12 Noon

Aug 24 Babylon Town Hall EOC – 12 Noon

Sept 28 Babylon Town Hall EOC – 12 Noon

Oct 26r Babylon Town Hall EOC – 12 Noon

Nov 23 Babylon Town Hall EOC – 12 Noon

December **NO VE** - *Season's Greetings*

NEWS OF INTEREST

SWAP & SHOP

The Swap & Shop Net will be off for the summer till after Labor Day, although it may be up informally. If anyone would like to help with the Net during this time please contact Bud, WA2QAV at 631-643-7071 or send him an email: the-budman@woldnet.att.net.

CLUB APPAREL

Frank "Spin", KC2EGK has club apparel for sale. Please contact him for hats, jackets or shirts.

CLUB NET SCRIPTS

If anyone is interested in a copy of the basic 2 meter Monday night net script for GSBARC give Dave, N2UHR a call on w2gsb/r, home: 631-842-6340, or via email at: n2uhr@arrl.net

'73 de Dave, N2UHR!

Committee Chairpersons	
Club Apparel –	Frank "Spin", KC2EGK
Club Station/Equip –	Walter, KA2RGI
DX/Contesting –	Tom, KA2D
Education –	Phil, N2MUN
Hamfest –	Walter, KA2RGI
Library –	Dom, WA2UJI
Membership –	Tom, N2MIG
Newsletter –	Gene, KB2TXZ

Happy Birthdays For July
Another year older, Another year smarter

"The Budman", WA2QAV
Charles G., N2PJF
Tom H., N2KQI
Ken K., WB2ART
William M., KA2YMM
Barbara O., KC2JNX
John P., KA2UJP

If your birthday is not listed we may not have all the info in our database We will also not divulge any ages or birth dates for those of you who feel the need to reverse them as the years go by.

WebSite of the Month

Radio or computer related

<http://www.ac6v.com>

Loaded, loaded, loaded is all I can say. Averages 1700+ visits per day. Has just about anything Ham related here. Well over 700 topics and 6,000+ links

Give it a try.

Editors Note

If you have any topics or websites of ham or computer related interests you would like to se appear in the newsletter please email me at ehowley@optonline.net

MINUTES OF THE GENERAL MEETING BABYLON TOWN HALL EOC LINDENHURST, NY

Thursday June 26, 2003
called to order by KA2RGI at 8:02 PM

BOARD MEMBERS PRESENT

President	KA2RGI	Walter Wenzel
Vice President	N2UHR	Dave Wandell.
Recording Secretary	KC2AUX	PattiLynn Wandell
Corresponding Sec.	KC2FBV	Scott Verity
Director 1	WA2UJI	Dom Stengele
Director 2	KC2EGK	Frank Spinazzola
Director 3	N2NUM	Phil Lewis
Director 4	N2MZK	Charles Rousselet

BOARD MEMBERS NOT PRESENT:

Treasurer KA2D Tom Carrubba

ADDITIONAL MEMBERS PRESENT:

WA2LUY, KA2ERZ, KB2IEV, KB2ZGS, KA2DZR, K2JY, KC2KXA, WB2COO, KC2EXP, N2NQQ, KA2UJP, N2CRV, KA2VKD, W2LJW, K2LI, N2IMF, K2TV

RECORDING SEC. REPORT: PattiLynn, KC2AUX

Walter, KA2RGI made a motion to suspend with the reading of the previous months minutes, and accept them as published. KC2FBV, Scott seconded the motion. Motion was accepted by majority of members present.

CORRESPONDENCE SEC. REPORT: Scott, KC2FBV
Bank CD Statement, Dues Renewals , HOSARC flyer : Hamfest
June 1st. Club equipment insurance policy for 2003.

TREASURER'S REPORT: Tom, KA2D
Checking: \$2905.20
CD: \$2785.97
Grand total of all funds: \$5691.17
Paid out eHam \$25, QSL Net \$25, Monthly service charge
\$7.50.

APPAREL: Spin, KC2EGK
Assorted Club apparel is available. See Spin KC2EGK.

CLUB STATION & EQUIPMENT: Walter, KA2RGI
Polyphasers have arrived

DX & CONTESTING: Tom, KA2D
For current DX bulletins check in to KA2D-8 on 145.07
Also check into W2GSB DX Cluster.

EDUCATION: Phil, N2MUN
General Review Class will be on July 22, 2003 from 7:30 to
9:30. The next VE session will be on July 27th @ 12 noon.

FIELD DAY JUNE 28-29, 2003: Doug, KB2SIE
KB2SIE is the coordinator for Field Day 2003. At this time we
are pleased to report that the Boy Scouts will be back to join us
this year. There are still openings available for stations captains.
Any and all members are encouraged to volunteer. Setup begins
at 7 AM Saturday June 28th. We will be running as per the
ARRL's new "F" class (established EOC) therefore, W2GSB will
be 5F NLI. Plans are to forgo the towers this year and use
dipoles as in a full-scale emergency set-up. Please note that
NY6DX will not be at Field Day due to family related matters so
we will need any and all operators that are available to man all
stations.

LIBRARY: Dom, WA2UJI
Nothing new. A request was made that members wishing to take
out books please enter them in the Library register accordingly.

MEMBERSHIP: Tom, N2MIG
Members are asked to submit their email address if they have
one. Your email address will be added to the roster.

NETS:
News line: MP3 format working, has better quality.
2-meter club info net: needs person for DX report,
also needs backup net control. Now will start at 7:30pm
Swap -n- Shop: On hiatus for the summer. Anyone wishing to
bring up the swap and shop net during the summer is
encouraged to do so.
10 meter net: All good

NEWSLETTER: Gene, KB2TXZ
Deadline for submissions to the newsletter is the
10th of the month. New editor of the newsletter will be
KB2TXZ(Gene). Email: ehovey@optonline.net

HOMEPAGE/ WEBSITE/ DX-CLUSTER: Tom, KA2D GSBARC
is back on line and updated, DX Cluster running OK after the
replacing of the TNC.

REPEATERS: Walter KA2RGI
4 new antenna's mounted on new tower
144: will be relocated to main building
220: will be online in a day or so
440: no change

Polyphasers are in.

VE SESSIONS: Tom, KA2D
2003 Test Fee is \$12.00. There is no VE test session
In June Next VE test session will be held on July 27th at Town
Hall

ARES/RACES: Walter, KA2RGI
All quiet at this time. For upcoming events see
<http://www.tobares.org>

HEALTH & WELFARE/ANNOUNCEMENTS:
In recent months, some long time members of the amateur radio
community have passed.
Amongst the newest of the silent keys are:
KB2PZR, Dianne J. Sherwood from Babylon
WA2GYX Carmine DeVito from Bay Shore
KB2CJ Donald Molinari from West Babylon
KA2D Tom Carrubba's mother-in-law
Additionally, KA2D has suffered a mild heart attack
and has undergone treatment. He will be offline until
further notice. N2UHR is currently undergoing testing.

NEW BUSINESS:

The matter of adapting the crank-up tower from SK
K2EAX, William "Clem" Query's Estate as a trailer portable tower
has been tabled until a future meeting is yet to be determined.
More information will follow on this matter as it becomes
available.

Walter KA2RGI (in the absence of Bud WA2QAV) brought
forward the following matter: Bud has suggested that the club
should consider purchasing additional radios for the club to use
for Field Day. This should minimize members volunteering their
personal equipment. Various rigs were suggested (Kenwood TS-
570 & Yaesu MP1000). In the end,
it was decided that getting 2-3 identical rigs would insure
familiarity among club members.

K2JY seconded the motion and a majority of the membership
voted in favor of purchasing the additional TS-570's. WA2QAV
is looking into this matter and will report his findings at a future
meeting. The TS-570 is the current club station.
At the June board meeting Phil N2 MUN had suggested looking
into purchasing a computer to further augment the club station
for logging and various digital modes. An estimated cost of
200.00 was established for a desktop computer.
Danny WB2COO motioned and Spin KC2EGK seconded. The
majority of the members present approved the purchase of a
desktop computer for the club station.

A motion to adjourn was made @ 9:24PM by WB2COO
and seconded by K2TV. Respectfully submitted by: PattiLynn,
KC2AUX



GREAT SOUTH BAY AMATEUR RADIO CLUB MINUTES OF EXECUTIVE BOARD MEETING

Thursday July 10, 2003
called to order by KA2RGI at 8:07 PM

BOARD MEMBERS PRESENT

President	KA2RGI	Walter Wenzel
Vice President	N2UHR	Dave Wandell.
Recording Secretary	KC2AUX	PattiLynn Wandell
Treasurer	KA2D	Tom Carrubba
Director 1	WA2UJI	Dom Stengele
Director 2	KC2EGK	Frank Spinazzola

Director 3 N2NUM Phil Lewis
Director 4 N2MZK Charles Rousselet

BOARD MEMBERS NOT PRESENT:

Corresponding Sec. KC2FBV Scott Verity

ADDITIONAL MEMBERS PRESENT:

Pete N2GBM, Doug KB2SIE, Jay N2PIK

RECORDING SEC. REPORT: PattiLynn, KC2AUX

Walter, KA2RGI made a motion to suspend with the reading of the previous months minutes, and accept them as published. N2UHR Dave seconded the motion. Motion was accepted by majority of members present.

CORRESPONDENCE SEC. REPORT: Scott, KC2FBV

Bank Statement

TREASURER'S REPORT: Tom, KA2D

Checking: \$2303.48

CD: \$2785.97

Grand total of all funds: \$5089.45

Paid out FD Food \$250.00, W2GSB TNC \$131.00, Davis RF \$209.50(Polyphaser)

APPAREL: Spin, KC2EGK

Assorted Club apparel is available. See Spin KC2EGK.

CLUB STATION & EQUIPMENT: Walter, KA2RGI

Polyphasers have arrived

DX & CONTESTING: Tom, KA2D

For current DX bulletins check in to KA2D-8 on 145.07

Also check into W2GSB DX Cluster.

RSGB IOTA Contest July 26-27th. Free software is available for logging. We are IOTA NA-026. See KA2D for details

EDUCATION: Phil, N2MUN

Special General Review Class will be on July 22, 2003 from 7:30 to 9:30. The next VE session will be on July 27th @12 noon.

FIELD DAY JUNE 28-29, 2003: Doug, KB2SIE

It was a relaxed Field Day, Cub Scouts joined in to work on their Emergency Preparedness Badges. Military Antenna worked well. Satellite Station went well.

LIBRARY: Dom, WA2UJI

Nothing new. A request was made that members wishing to take out books please enter them in the Library register accordingly.

MEMBERSHIP: Tom, N2MIG

Members are asked to submit their email address if they have one. Your email address will be added to the rooster.

NETS:

News line: MP3 format working, has better quality.

2-meter club info net: needs person for DX report,

also needs backup net control. Now will start at 7:30pm

Swap -n- Shop: On hiatus for the summer. Anyone wishing to bring up the swap and shop net during the summer is encouraged to do so.

10 meter net: All good

NEWSLETTER: Gene, KB2TXZ

Deadline for submissions to the newsletter is the 10th of the month. New editor of the newsletter will be KB2TXZ(Gene).

HOME PAGE/ WEBSITE/ DX-CLUSTER: Tom, KA2D GSBARC is back on line and updated, DX Cluster running OK after the replacing of the TNC.

REPEATERS: Walter KA2RGI

4 new antenna's mounted on new tower

144: will be relocated to main building as soon as possible

220: will be online as soon as possible

440: no change

Polyphasers are in.

VE SESSIONS: Tom, KA2D

2003 Test Fee is \$12.00. New tech test in effect as of July 1st

.We have received the new test materials and corrections. Next VE test session will be held on July 27th at Town Hall

ARES/RACES: Walter, KA2RGI

All quiet at this time. For upcoming events see

<http://www.tobares.org>

HEALTH & WELFARE/ANNOUNCEMENTS:

In recent months, some long time members of the amateur radio community have passed.

Amongst the newest of the silent keys are:

KB2PZR, Dianne J. Sherwood from Babylon

WA2GYX Carmine DeVito from Bay Shore

KB2CJ Donald Molinari from West Babylon

KA2D Tom Carrubba's mother-in-law

NEW BUSINESS:

Open House at the National Weather Service is Sunday July 20th from 11:00am-3:00pm. Lighthouse weekend is August 16th & 17th. (Dates corrected by ka2rgi) Announcements went out and are up to date.

Meeting was adjourned @ 9:06PM by KA2RGI

and seconded by K2TV. Respectfully submitted by: PattiLynn, KC2AUX



RUSSIA'S POPOV: DID HE "INVENT" RADIO?

ALEXANDER STEPANOVITCH POPOV

BORN MARCH 16, 1859. DIED JANUARY 13, 1906

EDITOR'S NOTE: IN THIS NEW ON-LINE BIOGRAPHY, POPOV'S DESERVED CREDIT IN CREATING WIRELESS ELECTRONIC COMMUNICATIONS ("RADIO") HAS BEEN GIVEN VALIDATION BY NO LESS A SOURCE THAN THE OFFICIAL HISTORY OF COMMUNICATIONS-ELECTRONICS IN THE UNITED STATES NAVY, WRITTEN IN 1963 AT THE HEIGHT OF THE COLD WAR - WHEN THE US MILITARY CERTAINLY HAD NO REASON TO GIVE UNDESERVED CREDIT TO A RUSSIAN SCIENTIST. THE NAVY HISTORY CITES INFORMATION FROM OTHER PUBLICATIONS MENTIONING POPOV, DATING BACK TO 1927. BUT THE US NAVY ALSO APPARENTLY RELIED ON "UNOFFICIAL" SOURCES FOR ITS STUDY OF POPOV'S WIRELESS WORK, BECAUSE THE NAVY HISTORY INCLUDES INSIGHTFUL ANONYMOUS PERSONAL GLIMPSES OF POPOV'S WORKING HABITS AND PERSONALITY, INSIGHTS MOST LIKELY GATHERED SOMEWHERE ALONG THE LINE AS BOTH SIDES OF THE COLD WAR ROUTINELY COLLECTED PERSONAL DETAILS - THE EASIEST INTELLIGENCE TO GATHER - ABOUT THEIR ENEMIES' LEADERS AND INNOVATORS. FOR MORE OF THIS NOTE, [CLICK HERE](#)

No one person "invented" wireless electronic communications, even though Guglielmo [Marconi](#) for over 100 years has been called **the** inventor of radio. Marconi did take the ideas and inventions of others and put them together in a workable form to allow people to send messages through the air, invisibly, on radio waves.

But, at almost the same time Marconi was making his "discovery" in 1895, a Russian professor made the same discovery. The main difference was that Marconi was an enthusiastic entrepreneur who rushed to spread news of his discovery to the world and to sell it to them.

Alexander Popov (also spelled "Popoff"), by contrast, was apparently driven by a different spirit and never had a desire to profit from his discoveries.

According to **Radio's 100 Men of Science** (Harper & Brothers, 1944) "Popoff entered the wireless field through his attempt to develop a device to detect thunderstorms in advance. He conceived the idea of using the Branly coherer to pick up static or atmospheric electricity - the clue to the electric storm's approach."

Anyone who has listened to an AM radio during a lightning storm can understand how a "thunderstorm detector" could become a radio receiver. The transmitter could be a simple means of generating jolts of electricity the way the storm does. If those jolts are controlled they can easily be used to send [Morse code](#) messages.

In a May, 1895 Popov reported sending and receiving a wireless signal across a 600 yards distance. In March, 1897, Prof. Popov equipped a land station at Kronstadt and the Russian navy cruiser **Africa** with his wireless communications apparatus for ship-to-shore communications.

In about 1900, Russian history* sources say either 1899 or 1901, Popov's wireless apparatus was used in what may have been the first ever use of radio communications to help a vessel in distress.

The battleship **General-Admiral Apraksin** was going down amidst the ice floes of the Gulf of Finland with hundreds of sailors and officers aboard, but Popov's radio system enabled them to contact Hogland and Kutsalo islands 45 kilometers away. Those wireless stations relayed the distress messages and rescue orders to the icebreaker **Ermak**.

Radio communications was so new at the time that it's likely few of the Apraksin's crew had even considered that help might be summoned from afar, and it's reported they had resigned themselves to an icy death. The sight of the **Ermak** emerging from the fog must have seemed to some a miracle and the man who invented the wireless system that saved their lives must have seemed an angel.

Ironically, according to Russian accounts,

Popov was born in 1859 in the Turinsk mining district of Russia, the son of a priest.

A popular Russian biography of Popov says he grew up in a household filled with those haunting Russian icons of martyred saints. The boy Popov, it's reported, was "blessed by the Lord" with the strong desire to be able to

communicate silently and invisibly through air by means of some as yet undiscovered and incomprehensible process.

"In the long winter nights of the Ural Mountains, while the wind sang its song outside, the boy was preparing for his destiny - to be the inventor of radio."

Popov definitely did become **an** inventor of radio, even if Marconi became known as **the** inventor of radio, but Popov hasn't been totally ignored in the history books.

The United States Navy, which battled with Marconi over the use of his patents on US warships, gives Marconi credit for his marketing prowess, but Popov gets credit for being a better scientist. Here's how the official U.S. Government publication **History of Communications - Electronics in the United States Navy** (Bureau of Ships and Office of Naval History, 1963) views the question of who invented radio:

"[In 1895], Prof. A.S. Popoff improved [Sir Oliver] Lodge's receiver by the insertion of choke coils on each side of the relay to protect the coherer and by replacing the spark gap with a vertical antenna insulated at its upper end and connected to the ground through the coherer. Popoff utilized his equipment to obtain information for a study of atmospheric electricity. Like Lodge, he was too engrossed with teaching and science to concern himself over its practical aspects. On 7 May 1895, in a lecture before the Russian Physicist Society of St. Petersburg, he stated he had transmitted and received signals at an intervening distance of 6 hundred yards.

In the same year, Guglielmo Marconi, son of an Italian nobleman and an Irish mother, by using a Hertz oscillator and an antenna and a receiver very similar to Popoff's, successfully transmitted and received signals within the limits of his father's estate at Bologna, Italy."

The Navy's account continues, "Marconi can scarcely be called an inventor. His contribution was more in the fields of applied research and engineering development. He possessed a very practical business acumen, and he was not hampered by the same driving urge to do fundamental research which had caused Lodge and Popoff to procrastinate in the development of a commercial [radio] system."

Popov studied physics and mathematics at the Faculty of Physics in Saint Petersburg. After graduation, in 1885 he started teaching physics and doing research at the elite naval warfare institute on Kronstadt Island near St. Petersburg. It was there he began to explore the work of [Maxwell](#) and [Hertz](#), explorations that would lead to Popov's radio receiving and transmitting system.

Popov's radio system earned him a Grand Gold Medal for research at the Paris International Exposition of 1900.

In 1901 he was appointed director of the St. Petersburg Electro-Technical Institute

Alexander Stepanovitch Popov died on January 13, 1906 at the age of 46.

*Russian history research by Victor Cherniak Books, Moscow - Translation by Eugene Koehga We welcome additions, corrections or comments. Please e-mail Bob Hudson at: <mailto:ok@wsone.com> The First Electronic Church Of America