



# The Compass!

Official Newsletter of the Great South Bay Amateur Radio Club, INC.

June 2019

Volume 47

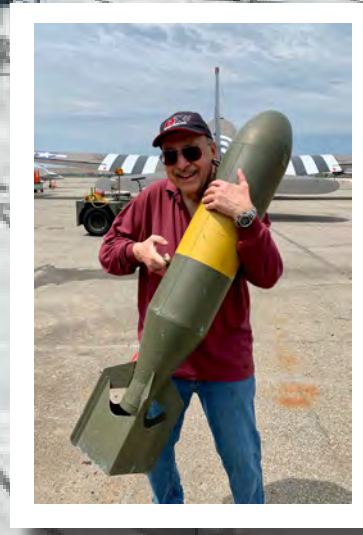
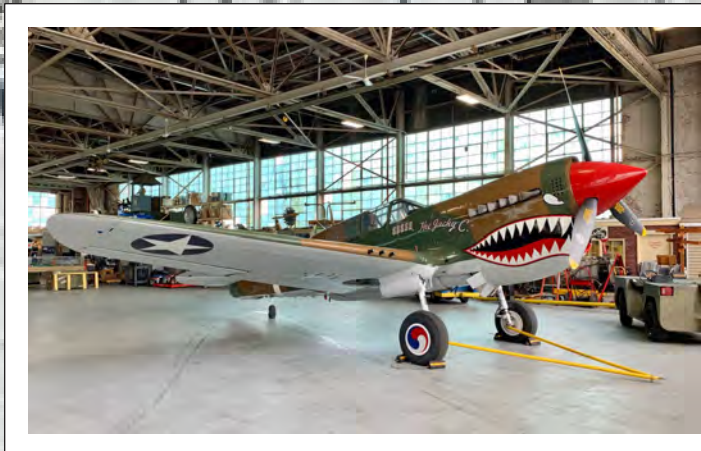
#6

## Field Day is Here! Got Antennas?

**Next General Membership Meeting: Thurs., June 27th, 8 PM**

### Inside this Issue:

- **Air Power Event Pictures**
- **Museum Ships Weekend**
- **Viking Shirts & Cap(acitor)s**
- **The Squirrel Cage (a column)**
- **KB6NU's Guest Column**



**Long Island's Friendliest Amateur Radio Club!**

# President's Message



Field Day—yes!—it is almost here. We need operators for CW and SSB. The club's groups.io page has a signup sheet for Field Day participation but not too many of you have signed up. We need people for set-up and take-down. Everyone likes a big Field Day set-up but you cannot do it without help.

Many members have expressed concern about lack of help during take-down too.

Our Field Day site outside Town Hall rivals many others but we can only do that with your help. On June 21st at 5:30 p.m. we will start with set-up. The more we get done on the 21st the easier it will be to get set up on Saturday starting at 7 a.m. The north side antennas will go up and the south side VHF 6 meter station antennas should also go up. The pulleys should also be installed for 80 and 40 meter CW antennas as well.

- Shelters will be led by W2UV.
- South side leads for set up are W2HCB WB2QGZ, KD2ADC.
- North side leads are W2UV and NO2C.
- The set-up of the rest of antennas and radios will be done on Saturday morning.
- We must be ready to start calling "CQ Field Day W2GSB" at 2 p.m. or 1800 UTC. All operators secure a frequency prior to 2 p.m. and hold it to start the Field Day CQ.

We are once again using N1MM logger so please when you operate type "opon" in the call sign box and when the box pops up enter your call. The whole Field Day site will be networked together for the logging program. When food is ready, a message will pop up on your screen. Please make sure you feed the jar by the cook as K2BBQ spends many

hours and days getting your dinner ready. Our annual raffle will be pulled at dinner time on the 22nd

We will be using 147.535 simplex with the 110.9 pl the whole weekend. Stay off the repeater while on site. If you are running for supplies or inbound with Field Day then call us on the 2 meter repeater.

Once again, we need your help to maintain 24 hours of on-the-air operation.

Important operator note: The radios are band-specific. Do not under any circumstances change a band. Each radio will be set up with two bands. There will be signs detailing the radios' bands as far as antenna 1 or 2 and what band that is. This very important because last year a triplexer was blown up and it took us seven months to get the parts to fix it. So please make sure you read the signs at each radio position

Take-down will start at 2:15 p.m. on June 23rd and it is very important that everything goes where it came from.

So please go to the groups.io page, click on databases and sign up to help. If we don't get the turnout we need, there has been talk about downsizing our site from 6f to 5f or 4f depending on the help we get – not to mention getting enough operators for stations on the overnight hours. So please sign up to help and check the boxes where you can help go here to that <https://groups.io/g/GSBARC/table>

The Air Power Museum weekend was good. The bands were not the best but we all had fun. Thank you to the set-up crew. You all did a great job -- and to all who operated thank you as well. A big thank you to the take-down crew—it went great—record time in packing it all up. The IC7100 worked great. Speaking of IC7100 radios, we installed the third one in the trailer. Now our trailer has five radios for public events, special events and emergencies. They are set up for SSB, VHF, UHF and CW with a dedicated computer. The control heads can be placed wherever the operator needs it to be when operating. We relocated the triplexer and filters and the IO panel which is now in the front of the trailer. We still have a bunch of work to do but we will address that well after Field Day.

The Maggie Fischer Memorial Great South Bay Cross Bay Swim is on July 19th. Lou NO2C is looking for help for that event. The Fire Island Lighthouse event during International Lighthouse and Lightship Weekend has run into some snags with the National Parks department. We are working on that and will update you when we have a final answer from them. [*This is resolved—Ed.*]

Don't forget October 27th is the Suffolk County Marathon. We need at least 30 operators for that event. We are now the lead organization for the marathon.

On November 9th we have the Hope for the Warriors run which will be at the beach. There will be more information



about the exact route in the next month or so. The good news is we will not need 70 operators. The bad news is that because it is a closed course there will be no early outs. It's not that bad because we know it is all over by 11:45 or noon so when we get closer I will know how many operators we will need -- so look for the postings.

Whatever you all do have fun doing it -- from CW, Digital, SSB, Satellite, VHF or anything else -- building antennas and playing contests to QSO parties, special events or parks on the air. Have a ball!

See you at Field Day (I hope)!!!!

**73. John Melji, W2HCB** 

***Last Chance for The GSBARC 2019 Annual Field Day Raffle! Field Day is THIS coming weekend. Winning tickets will be pulled at dinner barbecue on Saturday, June 22nd so get your tickets, you have to be in it to win it as they say!***

***GSBARC is bringing its new Yaesu Wires-X repeater system on-line and there's never been a better time to get into the new digital modes than now!***

**The Grand Prize is a Yaesu FTM400XDR VHF/UHF Mobile radio featuring 50 W FM, C4FM FDMA w/ GPS for APRS(1200/9600 bps) and Micro SD**

**Second prize is a Yaesu FT2DR Dual Band 5 Watt C4FM/FDMA Digital Touch Screen Hand Held Transceiver**

As always, tickets will be \$5 ea. or a book of 5 for \$20



***Winner need NOT be present to win!***



## ***Inside the Squirrel Cage***

by Caryn, KD2GUT



**H**ow high a price would you be willing to pay to operate mobile with the highest antenna in the galaxy?

How does \$35,000 sound? And that's just for one day. Your shack, in this case, would be the International Space Station and your antenna, like the ISS itself, would be higher than any rooftop installation back here on Earth. Starting in 2020, NASA will start allowing visitors—those who can afford the \$35,000 per diem cost, that is—to camp out on the orbiting station in this seriously spaced-out effort to cultivate high-end tourism. According to several published reports, NASA is planning to allow visitors to stay for as many as 30 days—or at least until the visitors' budget starts running on empty.

Now let's be clear about one thing: None of the published reports about the space station's on-board tourism has yet to specifically mention that a welcome mat would be out for amateur radio operators. In fact, ham radio hasn't come up at all in any of these reports. But it makes sense, doesn't it? ARISS already exists up there so it's not likely you'd have to pack a rig along with your toothbrush and jammies. We already have an orbiting shack in the sky. Besides, NASA notes pretty clearly that candidates must prove they can pass medical and training requirements before launching. For hams, this is a positive sign: If doing antenna maintenance, Field Day set-ups, activating parks, providing communications support for marathons or climbing to the heights for SOTA activations don't all count as serious aerobic workouts, what does? Plenty of hams would be in fine shape for this horizon-bending travel opportunity.

Food and water are extras on the a la carte menu of travel costs and there's also one other minor matter: Transport to the ISS. Travelers will be responsible for booking their round-trip excursions on their own and for now, NASA is permitting hookups only with SpaceX or Boeing transport. A ticket aboard these high-flying Ubers comes at the most Uber of excursion costs: almost \$60-million.

Ah, but the value of calling QRZ so high above it all? It would put stars in anyone's eyes even back home on Earth. 





# Museum Ships Weekend 2019 – USS Intrepid

By Lou Maggio, NO2C



*Note the GSBARC Colors proudly displayed*

**S**alli K2RYD and I NO2C were invited by the USS Intrepid group -- Norm WA3KEY, Lee WB3CUU, Ron KA1SRZ and Bill W1PA -- to operate from the flight deck of the USS Intrepid for the first day of Museum Ships Weekend. We had attempted to do this last year, but the weather interfered.

But not this year! They had even arranged for us to park in the lot directly across from the Intrepid.

We arrived about 11 AM and were immediately offered the operating position. They had a 100-watt Yaesu and a 5 BTV vertical mounted on the fencing around the deck. Since we were located inside the protective barrier, antenna and wires posed no hazard to the tourists. The rig was battery-powered.

Norm had band pass filters and an isolator at the antenna, but we did have some stray RF around. Norm is working on a solution for next year. It was kind of cool having your antenna grounded to 8 gazillion pounds of steel in saltwater!

Salli and I went to the dual headset operation but used the Yaesu microphone. I spotted WW2CV and off we went. They even supplied us with lunch!

Between Salli and me, we worked over 250 contacts. Right after we left the bands dropped out, but the total for the day was over 300 Qs. The one-day record for the Intrepid was 407 Qs in 2015. That will give us something to shoot for in next year's operation. We stayed on 20 for the time we operated. I was watching the cluster and most of the ships were split between 20 and 40. Maybe next year we can use two rigs. I did have the 7100 in the car just in case, but it was not needed. There is plenty of room for a second 5 BTV.

Here is a link to the rest of the pictures from the day:

[http://www.sallouhorseowners.com/USS Intrepid - 2019/](http://www.sallouhorseowners.com/USS%20Intrepid%20-%202019/)

Our only regret was we could not work anyone from Long Island. Next year we will have to give that some more thought, perhaps 80 on a schedule. I'm guessing 20 and 40 just passed right over Manhattan.

Salli and I want to thank the Intrepid Group for allowing us to operate. It was really a pleasure. ☺



*End of Operations*

# Radio-Related Trivia Concerning Our Clothing Suppliers Building

KB6NU's Column, cont'd from page 4...

By Howard, WB2UZE



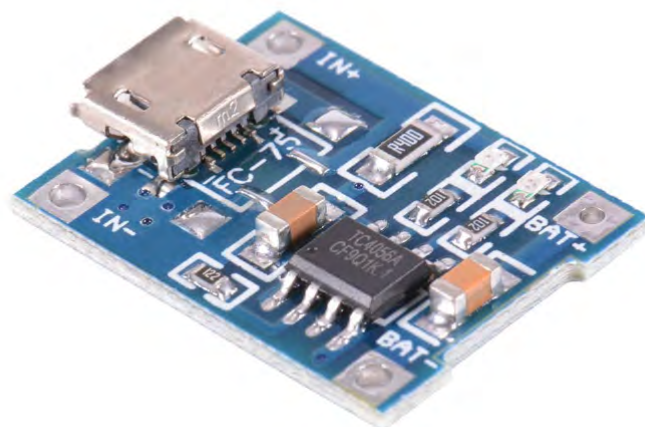
**S**o listen to this....I was picking up my Club clothing at Viking Embroidery in Lydenhurst LI the other day and out of the corner of my eye, I saw a vintage Hammarlund receiver show up on a display video that was running in their office. After speaking to one of the older staff members, I learned the building dates back to 1933 and the outside façade is a well preserved Art Deco design, which I happen to like. Up to the 1950s, the building housed the only brewery on Long Island. After the brewery closed, the building became the Cardwell Condenser factory that built large plate capacitors for Hammarlund and E.F. Johnson.


If you know your boat anchors, you will recognize those names. I have included below a link to the Cardwell Condenser company history and after reading through it, I see it states that the word "Ham" comes from Hammarlund, but I think I have heard other explanations on the etymology of Ham. Anyway thought this bit of history was interesting because out of all the embroidery places to choose from on Long Island, of which there are many, by coincidence we are doing business with an embroidery company that used to own Cardwell that made parts for ham transmitters and receivers. I have an E.F. Johnson Viking Ranger 1 transmitter and we have other members having the same and Hammarlund receivers. Could very well be the tuning capacitors came from Cardwell. Good story??

<https://www.cardwellcondenser.com/our-rich-history/> 



You can also buy lithium battery charging modules (<https://www.amazon.com/gp/product/B01LZSC718>). These modules have a TP4056 on them, which is similar to the TP4054. It's amazing to me that you can purchase ten of these things for less than seven bucks.



So, that's where I'm at right now. Once I get the modules and cables, I'm going to hook it all up and get the Arduino system running from the battery. The next step will be to integrate a small solar panel and run the whole thing from solar power, hopefully. 

—*Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog ([KB6NU.Com](http://KB6NU.Com)), the “No Nonsense” amateur radio license study guides ([KB6NU.Com/study-guides/](http://KB6NU.Com/study-guides/)), and one of the hosts of the No Nonsense Amateur Radio Podcast ([NoNonsenseAmateurRadio.Com](http://NoNonsenseAmateurRadio.Com)). He often wonders if he can learn things fast enough.*



# Air Power Museum Special Event





*GSBARC is no longer using Yahoo Groups due to issues with the platform. We have transferred everyone over to <https://groups.io/>*

*If you were a member of any of the Yahoo groups just sign up for a free [groups.io](https://groups.io/) account and you will have access to the new groups. [Groups.io](https://groups.io/) has most of the same features as the Yahoo groups and some additional ones as well, like the ability to have live chats. ☺*

### Club Apparel

Want a shirt, jacket, hat, sweatshirt or t-shirt with a Great South Bay club logo? We now use *Mr. Shirt*, located at 80 East Montauk Hwy. in Lindenhurst ([www.mrshirt.com](http://www.mrshirt.com)). Now you can get color matched backgrounds on your logo too. Check them out... ☺

### ARES/RACES Information

- Div. 1—Town of Babylon ARES/RACES  
Net: 146.685/R, Mondays 8:15 PM  
EC/RO: John Melfi, W2HCB, (631) 669-6321
- Div. 2—Town of Huntington ARES/RACES  
Net: 147.210 MHz +600/ PL 136.5,  
Mondays 7:00 PM  
EC/RO Steven W. Hines, N2PQJ,  
<http://www.huntingtonnyaresraces.org/>
- Div. 3—Town of Islip ARES/RACES  
Mondays 8:30 PM  
EC/RO: John J Blowsky, KB2SCS, 631-467-2410
- Div. 4—Town of Smithtown ARES/RACES  
Net: 145.430 MHz, PL136.5, Mondays 7:30 PM  
EC/RO: Rich Johnston, KC2TON, 631-872-4039
- Div. 5—Town of Brookhaven ARES/RACES  
EC/RO: Ted Debowy, AC2IR, 631-751-6576
- Div. 6—Riverhead ARES/RACES  
EC/RO: Steve Casco, W2SFC, 917-701-3919
- Div. 7—Southampton ARES/RACES  
EC/RO: Removed & Currently Vacant
- Div. 8—Southold ARES/RACES  
EC: Don Fisher, N2QHV, 631-765-2757  
RO: Charles Burnham, K2GLP, 516-779-4983
- Div. 9—East Hampton ARES/RACES  
EC/RO: Eddie Schnell, WZ2Y, 864-973-9250
- Div. 10—Shelter Island ARES/RACES  
EC/RO: Vacant (Neal Raymond, N2QZA, SK)

#### Suffolk County

#### ARES/RACES Net:

Mondays 2100 Local—145.330/R (136.5 PL)

Alternate Frequency—146.820 (136.5 PL)

#### New York State

#### RACES Net (HF)

Sundays 0900 Local, 3993.5 KHz LSB

## 2019 VE Session Dates

- July 27th
- August 24th
- September 28th
- October 26th
- November 23rd
- December 28th

*All sessions are at the Town of Babylon EOC at 10 a.m., located in the basement in the rear of town hall. Please bring photo ID, a copy and your original amateur radio license (if you have one), and any CSCEs you may have. Non programmable calculators are allowed. The exam fee is \$15 payable by cash or a check made out to "ARRL VEC."*

*Visit [FCC Universal Licensing System site](http://www.fcc.gov) to register for an FRN number to use on the paperwork.*

### The GSBARC Repeater List

- 146.685 W2GSB - shift 110.9 Hz Enc/Dec
- 223.860 W2GSB - shift 110.9 Hz Enc/Dec w/ ECHOLINK
- 223.860 - shift 156.7 Hz Enc/Dec Local use
- 440.850 W2GSB + shift 110.9 Hz Enc/Dec
- 446.775 KB2UR - shift 110.9 Hz Enc/Dec
- 927.3125 W2YMM - shift D606 Enc/Dec
- 440.250 W2TOB/B + shift DSTAR REF020A Babylon
- 445.725 WD2NY/B - shift DSTAR REF020A Selden

Grow Giant Vegetables with **MAGIC MANURE**, manufactured daily on the farm. 40- to 50-lb bags free for the taking, already bagged. Pick-up or Delivery to EOC available. References available upon request. Contact Salli at:

[k2ryd@arrl.net](mailto:k2ryd@arrl.net).



## All Flag & Flagpoles

FLAGS • BANNERS • FLAGPOLES & REPAIRS

SPECIALIZING IN CUSTOM FLAGS AND BANNERS

97 Gnarled Hollow Road, East Setauket, NY 11733

Tel: 631-751-5500 Outside NY: 800-247-8331

Fax: 631-751-5505

Website: [www.all-flags.com](http://www.all-flags.com) • E-Mail: [info@all-flags.com](mailto:info@all-flags.com)

## Club Name Badges

Club name badges are available from *The Sign Man* ([www.thesignman.com](http://www.thesignman.com)) of Baton Rouge, LA.

The badges which are 1-3/4 in. x 3 in. If you visit The Sign Man's webpage you can order the badges by using a drop down selection on the orders page and clicking on "Great South Bay ARC—NY" ☺

