

Telstar



THE NEWSLETTER OF S.T.A.R.S (SOUTH TOWNS AMATEUR RADIO SOCIETY)

SEPTEMBER 2021

VOL 53 ISSUE: 13



STARS

STARS is the South Towns' largest ham radio club, with our clubhouse and tower located at the Town of Hamburg Recreation Center, Lakeview Rd.

To learn more about **STARS**, visit wb2elw.net.

During Covid restrictions, we have remained active with online meetings, collaborative contesting, our two nets, and local UHF chat.

So, warm up those radios and join us **ON THE AIR** and **ONLINE!**

Saturdays 10 AM HF net 3.925 MHz;

Mondays 8:30 PM UHF 446 MHz simplex chat for locals - bet you can hear us!

Tuesdays 7:30 PM VHF UHF net 147.090 (107.2) and 442.325 (88.5)

General CLUB meetings: first Thursday of the month at 7 PM (NOW IN PERSON AT THE YOUTH CENTER!)

Email Joe KB2JDB, club secretary, if you'd like to be invited!

Need help getting on the air? Let us know...

Thanks and 73! joe@joeclaus.com

The Telstar would like to thank all of those who wrote in with notes, suggestions, content submissions, etc.

All ideas are welcomed and encouraged! If there is something you would like included in next month's edition, please email: TELSTAR@WB2ELW.COM or KD2UOE@GMAIL.COM

We are always in search of new and exciting content and feedback from our audience is what keeps the ball rolling.—WHAT DO YOU GUYS WANT TO SEE MORE OF?—

Likewise, if something was published in error—please reach out via email so that corrections can be made, lawyers contacted and settlements reached.

Enjoy & please try to make it a point to pop in to the zoom meeting—new faces keep the hobby exciting and maybe you'll get a participation trophy for the best zoom background! Who knows!?

MONTHLY MEETING INFORMATION
ON FOLLOWING PAGE:

ANNOUNCEMENTS:

STARS IS PROUD TO ANNOUNCE ANOTHER IN-PERSON MEETING.

HELP US MAKE IT GREAT! - BY ATTENDING!

WHEN: THURSDAY, SEPTEMBER 2ND 2021 @ 7PM

WHERE: NIKE BASE "CLUBHOUSE" (RAIN OR SHINE)

2982 Lakeview Rd, Hamburg, NY 14075

HOPE TO SEE AS MANY OF YOU AS POSSIBLE!

"ZOOMERS":

ZOOM MEETINGS HAVE BEEN DISCONTINUED AT THIS POINT, THANK-FULLY.

THOUGH THIS MAY BE AN INCONVENIENCE FOR SOME, WE HOPE TO SEE AN INCREASE IN PHYSICAL ATTENDANCE AND CLUB PARTICIPATION.

FOOTBALL POOL

AL (WA2TTT) IS HAPPY TO ANNOUNCE THAT WE'VE SOLD EVERY LAST SPOT. THE CLUB THANKS THOSE WHO DONATED. GOOD LUCK TO ALL!

~NOW WE WAIT~

Fellow STARS members:

I have been appointed as Chairman of the "HF Rig Exploration committee". Preparing for a possible 2022 purchase of new-to-us HF equipment, we are being tasked with coming up with a short list of radios that would:

1. be an upgrade from the current equipment
2. suit the needs of the club/members, and
3. get the most bang for our buck

If you would like to serve on this committee, please email me at: bart0977@roadrunner.com, or text me at the phone number listed in the club roster.

I have also been appointed as the "point person" for collecting all thoughts and ideas relating to HF antenna needs at the clubhouse for the future, but most directly to prepare for the final fire truck work party of the year in mid to late September. If you have strong thoughts or opinions on what the club absolutely should have, HF antenna-wise, for the maximum utilization by the membership, please send your comments to me via e-mail to: bart0977@roadrunner.com, or if they are very lengthy, call me at the phone number listed in the club roster. Please also indicate if you are able to contribute physically to the work that would be needed, or monetarily, if the antennas proposed would be a significant expense to the club.

**73,
Scott
KB2KOL**



PICTURED IS THE HAMBURG YOUTH AND RECREATON CENTER LOCATED AT THE INTERSECTION OF PROSPECT/HAWKINS IN HAMBURG, NY.

PARKING IS LOCATED TO THE RIGHT OF BUILDING. S.T.A.R.S. MEETINGS WILL CONTINUE, IN-PERSON, HERE UNTIL FURTHER NOTICE. HOPE TO SEE BETTER TURN OUTS COME THE WINTER SEASON.

IN AN EFFORT TO BOOST PARTICIPATION AND GET THE GROUP TALKING, TUESDAY NIGHTS (9/7/2021) NET TOPIC WAS:

“IN YOUR OPINION, WHATS WOMETHING THE CLUB COULD OFFER TO PROMOTE PARTICIPATION AND ATTENDANCE... BOTH IN PERSON AND ON OUR 2 CLUB NETS”

THE TOPIC SEEMED TO BRING ABOUT SEVERAL ADDITIONAL CHECK-INS AS WE CHATTED FOR ALMOST AN HOUR...

IDEAS INCLUDED EVERYTHING FROM GIVEAWAYS & PRIZES FOR THOSE WHOS CHECK-IN/SHOW UP TO HOSTING AN OPEN BAR (NON-ALCHOLIC OF COURSE)...

OTHER SOLUTIONS REVOLVED AROUND GETTING PEOPLE UP AND ACTIVE AT THE CLUBHOUSE ON WEEKENDS, WHICH IS A POSSIBLITY TO BE EXPLORED AT THE NEXT MEETING.

ARE YOU INTERESTED IN COMING TO HANG OUT AT THE CLUB HOUSE? EAT, DRINK, GET SOME DX?

CONTACT US AND LET US KNOW WHEN YOU'D WANT TO COME BY...

TELSTAR@WB2ELW.COM

ADDITIONALLY: IF THERE IS A PRESENTATION OR LEARNING/TEACHING OPPORTUNITY THAT YOU WOULD LIKE TO SEE OR PARTICIPATE IN—THE CLUB IS LOOKING FOR IDEAS...

WINTER IS COMING, LET'S KEEP BUSY AND MAKE THE BEST OF OUR COMMUNITY HERE AT S.T.A.R.S.

AUGUST PICNIC:

THE AUGUST PICNIC TOOK PLACE AUGUST 7TH 2021 AT THE NIKE BASE CLUB HOUSE AND WAS WELL ATTENDED. CLUB MEMBERS AND THEIR HARMONICS ENJOYED MUSIC BY DJ RICK (W2RLN) AND ACCOMPLICE JASON (W2ESC)... ATTENDEES ENJOYED GRILLED FOOD, COLD DRINKS AND GREAT WEATHER.



STARS WOULD LIKE TO ACKNOWLEDGE W2RLN FOR ANOTHER SUCCESSFUL TRIP AROUND THE SUN—HAPPY BIRTHDAY RICK AND THANK-YOU FOR ALL YOU DO!

ANNOUNCEMENTS:



Voltaic Systems - USB touch light



RUGGED DESIGN
IP67 WATERPROOF RATING

Roll over image to zoom in

Voltaic Systems Emergency USB Led Light - Waterproof, Dimmable Brightness Levels & Touch Control, for Camping, Patio, Tool Shed or Cabin, Emergency Kit

Visit the Voltaic Store

★★★★★ 155 ratings | 5 answered questions

Price: **\$13.99** Prime FREE Delivery & FREE Returns

Thank you for being a Prime member. Get a \$150 Gift Card: Pay \$0.00 upon approval for the Amazon Prime Rewards Visa Card. No annual fee.

Size: **Single**

Power Source Battery

Material Metal

Style Modern

Special Feature Dimmable

Color Silver

About this item

- **USB LED LIGHT** - Perfect backup when the power fails. Ideal for camping, the patio, tool shed or cabin, and in any emergency kit. Runs from any USB port as on Voltaic powerbanks
- **POWERFUL** - Produces up to 200 lumens from 12 natural white LEDs. Bright enough to light a small room, more than enough to read by, even serves as a flashlight
- **DIMMABLE** - Adjust from 200-20 lumens to suit different uses. Makes it easy to conserve power
- **TOUCH CONTROL** - Touch the lens to turn on/off and hold to adjust the brightness level. Can also be turned on/off at the power supply, and will come back on at the same brightness setting
- **WATERPROOF** - Completely waterproof design (IP67), fully submersible, so ideal for outdoor use



**COMPATIBLE WITH
ALL USB PORTS**

HERE'S THE LITTLE LIGHT YOU NEVER KNEW YOU NEEDED...

THIS LITTLE BUGGER IS HANDY! HERE WE HAVE VOLTAIC SYSTEMS USB TOUCH LIGHT. GREAT FOR EVERY-DAY USE OR AS A STOW-AWAY ITEM FOR TIMES OF NEED.

THIS THING LITERALLY ADJUSTS AT THE TOUCH OF A BUTTON. TURN IT OFF BY SIMPLY TOUCHING THE LIGHT, OR HOLD TO ADJUST BRIGHTNESS UP OR DOWN.

I'VE USED IT FOR NIGHT TIME READING... GREAT FOR CAMPING. COMES WITH LONG USB CORD FOR HANGING IT ANYWHERE... GREAT FOR PORTABLE OPS AND EMERGENCY GO KITS...AND ONLY \$13 BUCKS!

DID I FORGET TO MENTION HOW BRIGHT IT IS?

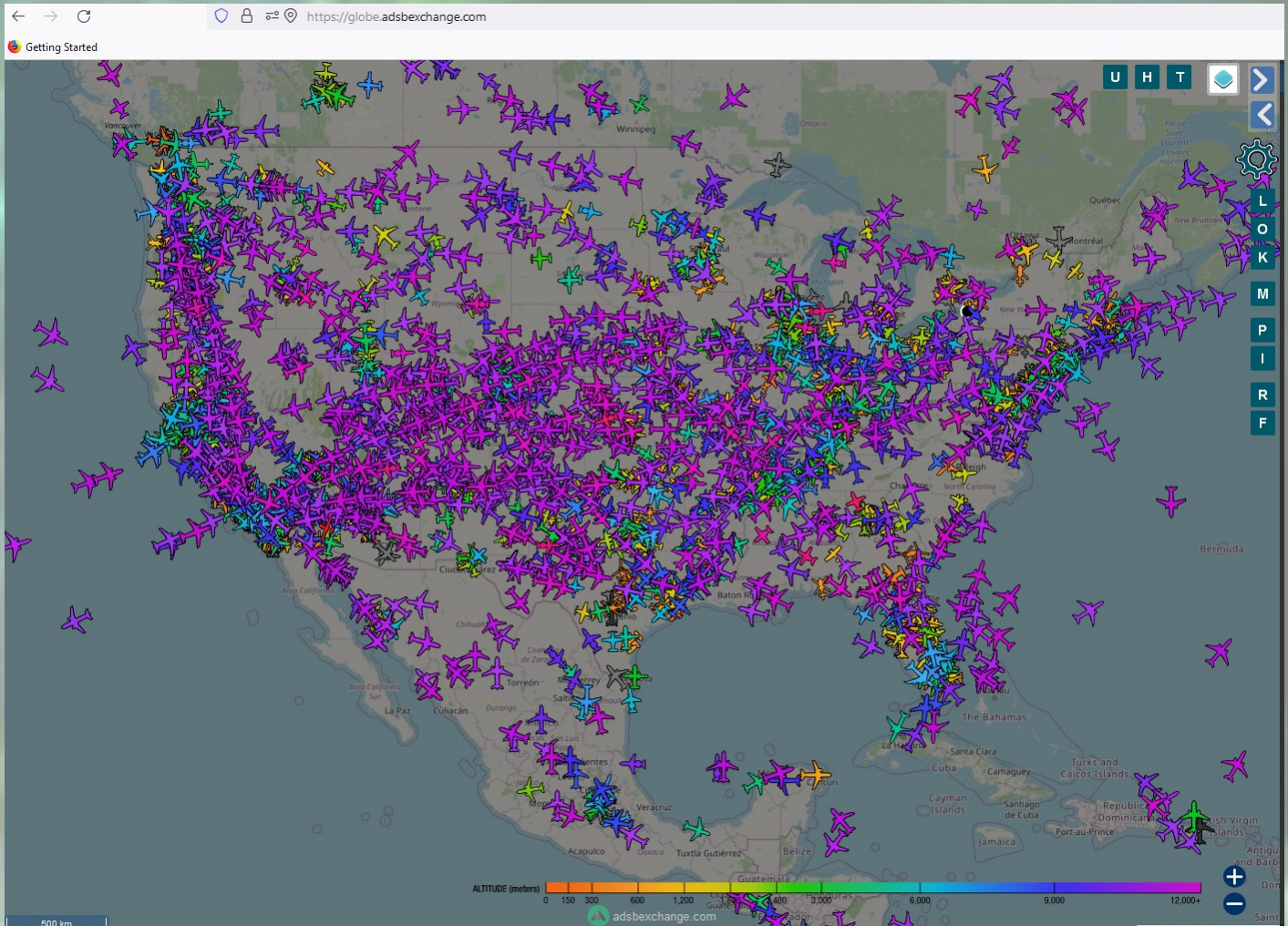
-KD2UOE

[\[CLICK HERE TO CHECK OUT THIS ITEM\]](#)

FEATURED HAM SITE OF THE MONTH:



<https://globe.adsbexchange.com/>



Welcome to ADSBexchange.com, the world's largest co-op of ADS-B/Mode S/MLAT feeders, and the world's largest public source of unfiltered flight data. Access to worldwide flight tracking data opens up a whole new world of flight monitoring for hobbyists, researchers, and journalists alike.

ADS-B Exchange differs from typical flight tracking sites in two primary ways.

First and foremost ADS-B Exchange does not participate in the filtering performed by most other flight tracking websites which do not share data on military or certain private aircraft. Because ADS-B Exchange does not use any FAA data there are no [FAA BARR/LADD](#), military, or other "filters" preventing you from seeing the the data you collected. ADS-B Exchange simply does not accept payment or requests to remove aircraft from public tracking!

FEATURED HAM SITE OF THE MONTH:



<https://globe.adsbexchange.com/>

N505TJ ✕

Hex: A64E35 [Share](#)



Reg.: N505TJ
United States

DB flags: none

Type: B429
2010 Bell Helicopters 429
MERCY FLIGHT INC

Type Desc.: H2T

Squawk: n/a

EVER SEE A HOVERING HELICOPTER OR LOW FLYING AIRCRAFT AND WONDER WHAT IT IS OR WHERE IT'S HEADED?

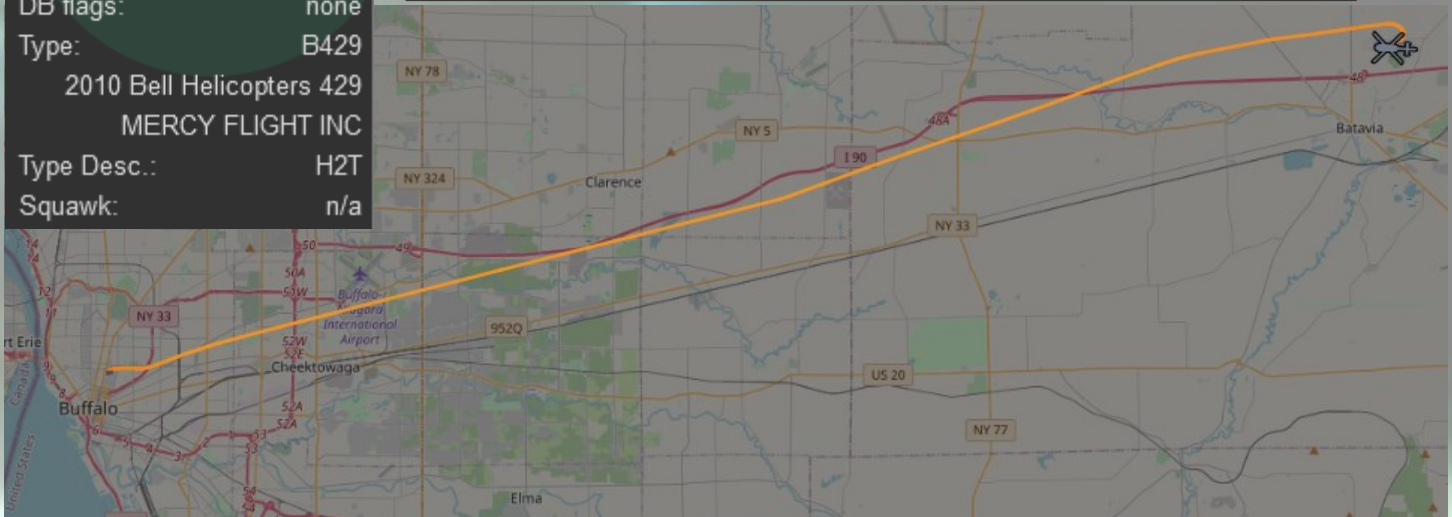
THIS WEBSITE IS A FUN WAY TO FIGURE THAT OUT...

THE LINK LOADS QUICK AND ALLOWS YOU TO TRACK A TON OF DATA...

THE COOL THING IS THAT MUCH OF THE DATA IS SUBMITTED BY RADIO AMATEURS USING ADS-B RECEIVERS AND SDR DONGLES.

GO AHEAD, CLICK THE LINK AND CHECK IT OUT—BET YOU'LL SEE TRAFFIC BY YOU. FUN ACTIVITY TO DO WITH THE KIDDOS!

...."DADDY –WHATS THAT PLANE?"



Second, we are a community. The data we have comes from volunteers, which is supplied back to the community through APIs.

If you are interested in helping all you need is a Raspberry Pi, an SDR, and an Antenna which can all be had for \$100 to \$200 depending on how fancy you want to get, be sure to check out the ["how to feed" page](#) for more info.

HAMFESTS & HAPPENINGS:

KNOW OF A HIDDEN GEM? HEARD OF A CANCELLATION THAT ISN'T LISTED? PLEASE KEEP THE CLUB INFORMED AT: TELSTAR@GMAIL.COM.



HAMFEST/CONVENTION

09/11/2021 - Lancaster Hamfest

Location: Lockport, NY

Type: ARRL Hamfest

Sponsor: Lancaster Amateur Radio Club

Website: <http://w2so.org>

[Learn More](#)



HAMFEST/CONVENTION

09/11/2021 - Pioneer Radio Operator's Society Hamfest

Location: Chaffee, NY

Type: ARRL Hamfest

Sponsor: PROS (Pioneer Radio Operators Society)

[Learn More](#)

Pioneer Radio Operator's Society Hamfest

HAMFEST/CONVENTION

09/11/2021

Start Date: 09/11/2021

End Date: 09/11/2021

Location: Manion Park

9999 Grove St.

Chaffee, NY 14030

Sponsor: PROS (Pioneer Radio Operators Society)

Type: ARRL Hamfest

Talk-In: 145.39- NO PL

Public Contact: Roy Schwedt , KC2LEE

57 North Main St. Franklinville, NY 14737

Phone: 716-258-8647

Email: royschwedt@gmail.com

Lancaster Hamfest

HAMFEST/CONVENTION

09/11/2021

Start Date: 09/11/2021

End Date: 09/11/2021

Location: Transit Drive In

6655 S. Transit Rd.

Lockport, NY 14094

Website: <http://w2so.org>

Sponsor: Lancaster Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 147.255 pl 107.2

Public Contact: Luke Calianno , N2GDU

1105 Ransom Rd Lancaster, NY 14086

Phone: 716-634-4667

Email: luke48@gmail.com

Woman fights to have ham radio operations banned after potential interference with insulin pump

August 23, 2021 at 5:09 pm EDTBy [Karla Ray, WFTV.com](#)

MARION COUNTY, Fla. — A Marion County woman is taking on her neighborhood association, in a matter she said puts her health at risk.

Michelle Smith, a Type 1 Diabetic, and a consultant determined that her neighbor's ham radio hobby might have interfered with the doses of insulin being pushed out from her pump.

The 55+ community where she lives hired that consultant and told the neighbor to shut down his amateur radio station.

But a copy of the community's rules shows a change was put in place that could pave the way for other similar antennas to be installed.

Smith's complaint went all the way to the state level.

She wants the Florida Commission on Human Relations to make a determination whether the community's board and management is doing enough to protect her and others with medical devices.

In the manicured subdivision of Indigo East near Ocala, managed by On Top Of The World, two neighbors say they've thought of moving away from the development's amenities because of the ongoing dispute.

Smith has been in the back and forth with the community's association for more than a year after noticing the insulin pump she uses to manage her Type 1 Diabetes was suddenly giving the wrong amount of the medicine that keeps her alive.

"So I switched pumps, bought another one, switched reservoirs, threw insulin away, did everything I knew of to troubleshoot," she said.

After doing some research, she suspected the problem might be a few doors down in equipment that is now unplugged and collecting dust.

David Birge was told to shut down his ham radio operation after On Top Of The World hired an independent consultant to investigate Smith's complaints.

That engineer determined the "amateur radio operator could have produced" radio frequency levels that exceeded those Smith's insulin pump is intended to operate in.

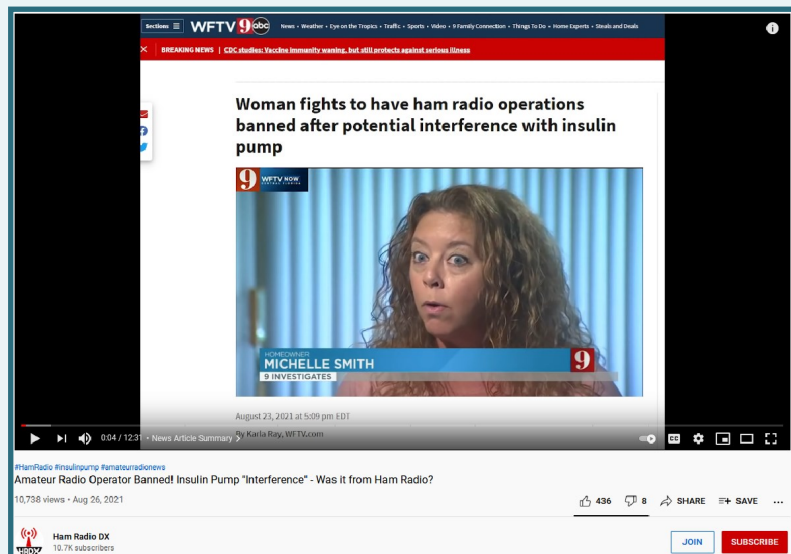
"I've lost a hobby I've enjoyed more than half of my lifetime, and the equipment sitting in my office is not plugged in," Birge said.

Though his operation was shut down for now, the community's board of directors changed the wording in its rules and regulations to potentially allow more of these amateur radios in the future -- changing the definition of antenna allowed after approval from "a device used to receive" to one that could also "transmit" radio frequency signals.

Smith said she requested a reasonable accommodation under the Fair Housing Act to ensure no high frequency signals can be transmitted within 300 feet of her home.

CONTENT SUBMITTED BY KEN (KC2AYK)

MORE ON THIS STORY ON FOLLOWING
PAGE!



[\(CLICK HERE TO SEE THE NEWS COVERAGE\)](#)

ARRL Responds to Story of Radio Amateur Told to Remove His Antenna

09/02/2021

ARRL has responded to an Orlando, Florida, [news story](#) on August 23, 2021 by WFTV Channel 9 alleging a radio amateur was told to remove his antenna by the management of his subdivision following a complaint made by a neighbor.

"The news story appears to stem from a 2-year-old complaint from a neighbor who believed her insulin pump had malfunctioned due to the radio amateur's operations 'a few doors down,'" said ARRL Laboratory Manager Ed Hare, W1RFI. "The story is lacking any details or timeline, so I contacted the radio amateur involved for information, and volunteered ARRL's assistance." Hare explained that medical devices such as insulin pumps are regulated by the US Food & Drug Administration (FDA) specifically for electromagnetic compatibility (EMC) purposes and are expected to be capable of operating in all the RF environments likely to be encountered by consumers. FDA [published guidance](#) for its staff and industry defines EMC with respect to electrically powered medical devices "as the ability of a device to function safely and effectively in its intended electromagnetic environment, including immunity to electromagnetic disturbance (interference)." FDA review of EMC information submitted with a device for approval "is based on the risk associated with EMC malfunction or degradation of the device under review, as well as the use of appropriate FDA-recognized standards or appropriate consensus standards."

Hare noted there is an FDA recall for the model number of the insulin pump in question, in approximately the same time frame. "But with so few details, there is no way of knowing whether that recall applies to the serial number used or whether the exact unit has the mechanical defect indicated in the recall notice that could cause the malfunction," explained Hare.

It also became apparent that there is no actual evidence connecting the amateur's transmissions to operation of the insulin pump. Hare was told that the amateur agreed to run tests to establish whether there was a cause and effect, but the neighbor declined.

Hare commented, "While there are no requirements for a radio amateur to stop transmitting due to alleged interference to a non-radio device, the preferred path with any complaint is for neighbors to work together."

<http://www.arrl.org/news/arrl-responds-to-story-of-radio-amateur-told-to-remove-his-antenna>

GENESIS Ham Satellites among Payloads Lost in Launch Failure

09/07/2021

The GENESIS-L and GENESIS-N ham radio satellites were among several carrying amateur radio payloads [lost](#) following the failure of the Firefly Alpha rocket during its first launch on September 2 from the Vandenberg Space Force Base in California. An anomaly occurred about 2 minutes into the mission, causing controllers to destroy the launcher in flight. The anomaly has yet to be explained. This was sad news for AMSAT-EA (Spain), as GENESIS-L and GENESIS-N were the first satellites they had built themselves.

According to the AMSAT-EA website, the GENESIS satellites were destroyed after the Firefly Alpha vehicle presented an anomaly as it hit a velocity of Mach 1 and reached Max Q, a point of maximum aerodynamic pressure on the vehicle. The launch had been halted a few seconds before takeoff, but the countdown was subsequently resumed.

GENESIS-L and GENESIS-N were to conduct a series of telecommunications-related experiments, while a ground-station analysis of the received signals would try to attain Doppler variations in order to perform orbit determination and satellite identification from radio amateur stations around the world.

Also lost in the launch failure were the Serenity, Hiapo, the Cresst Dream Comet, and QUBIK-1 and QUBIK-2 satellites, and Spinnaker-3/Firefly Capsule 1. All were designed to use amateur radio frequencies for telemetry and/or communication.

Serenity, a 3U CubeSat, was developed by Teachers in Space (TIS) to provide low-cost opportunities to test educational experiments in space. TIS has previously guided high schools and other academic institutions in developing and flying sub-orbital experiments using high-altitude balloons, stratospheric gliders, and rockets. This was the first orbital satellite mission for TIS. Serenity carried a suite of data sensors and a camera to send data back to Earth using amateur frequencies.

Hiapo was an educational 1U CubeSat developed by the Hawaii Science and Technology Museum (HSTM). The Hiapo project was intended to provide hands-on STEM curriculum for Hawaii students in grades K - 12. Part of this curriculum involved obtaining data about solar flares, solar particle events, and disturbances in Earth's magnetic field. Data would be available for amateur operators to download directly from the satellite.

The Cresst Dream Comet was a 3U CubeSat developed by the University of Cambridge as a small satellite for technology demonstrations.

QUBIK-1 and QUBIK-2 were picosatellites developed by the Libre Space Foundation, a non-profit association developing PocketQube picosatellite technology. They were built following the [1P PocketQube](#) form factor. The mission of these satellites was similar to that of the GENESIS-L and GENESIS-N satellites.

Spinnaker-3 was a collaboration between the Cal Poly CubeSat Laboratory, Purdue University, and NASA. It was designed to provide rapid de-orbit capability for the second stage of Firefly Alpha's launch vehicle, using frequency shift keying (FSK) on 70 centimeters for communications. Firefly Capsule 1 consisted of nontechnical items from around the world, including photos, artwork, and books.

<http://www.arrl.org/news/genesis-ham-satellites-among-payloads-lost-in-launch-failure>

This is Only a Drill

Last Saturday, August 28th, the Village of Springville conducted a mass casualty disaster exercise involving their fire, EMS, police and administration.

The scenario: an explosion and fire with casualties, requiring Main St to be closed, power turned off to the south side of the street and massive fire crew response to work the blaze. Smoke was to be released on the third floor of downtown's tallest building. A search for victims would cause a stream of injured being shuttled by ambulance to the very nearby Bertrand Chaffee Hospital.

Near and not-so-near fire companies were placed on alert and a pumper truck was located on Rt.240 to help replenish water.

Amateur radio operators would be located at the command center on Mechanic St, with two rovers surveying the area. In the hospital was located a command center, and an operator in the ER area. Amazingly, the doctor on duty, Dr. Ed Heidelberger, KC2QVR, was a ham whose radio was often used.



Hank, WA2EY, worked the ER while Paul K2PMS did double duty in the Comms trailer and with Tim KD2ONL as rovers.

My assignment was to operate the Control Center at BCH. In a cabinet, like at virtually all hospitals in WNY, were a power supply, a dual band Yaesu FT-8800 VHF-UHF radio and coax leading to a rooftop antenna.

Frequencies to be used were 146.55 simplex and the 145.390 repeater as backup.

Gary, KB2YAA, listed common fire and control frequencies to be used and we were advised to bring a scanner. I programmed one of my inexpensive UHF HT with the frequencies. Since all were analog, I was able to copy all conversations.

Upon arriving at the assigned room, Murphy began his work; the Astron 35 amp supply blew a fuse with a flash when switched on. And repeated that with a second fuse. I pulled out a back-up 25W dual band go-bag mobile and attached it to the supplied coax. It would not transmit into the cable. Same with a second radio. I guess the antenna is down... Luckily for me, an 8 Watt HT and a long whip antenna allowed me to talk simplex throughout the hospital and the village.

Over the course of the next hour, a fire was reported at 25 E. Main St. Command was established. A second alarm was called. Mercy Flight was called. A Code was announced at BCH. Electricity was cut to the south side of the street. Four aerial trucks from different companies approached the smoky rooftop. Other fire companies arrive, from as far as Boston, Hamburg, Gowanda and the reservation. Seven ambulances are on site. The pumper is set up. Eventually, seven injured are found and transported individually the BCH. Each tracked, checked and re-checked by Dr. Ed as they came to the ER. At 7:55 the fire is reported out and clean-up begins. Doctor Ed tells us to secure our station.

A debriefing was held at the Springville fire hall and critiqued. We toured to Erie County Communication van.

So it was a drill. A practice. A rehearsal. What were some lessons learned?

Clearly, the station at the hospital hadn't been checked in a while. Two of three systems down. By planning for this a few days ahead I could make the best of a bad situation. Having powerful, redundant radios with proper frequencies made the day a success. I didn't expect to have to replace the whole system. Those who have used a FT-8800 know it's not too user-friendly. I knew this from a previous hospital activation. So I made an 8800 cheat sheet and brought it along.

Most of my radios lacked 146.55, so I re-programmed them.

Doctor Ed and all other hams performed well and used ham radio to good advantage. I think: who else could have supplied the constant flow of patient info and co-ordination in the hospital and throughout the scene...but amateur radio.

Joe Claus KB2JDB

LINK TO ARTICLE FURTHER COVERING THIS EVENT ON NEXT

Continued from prev...

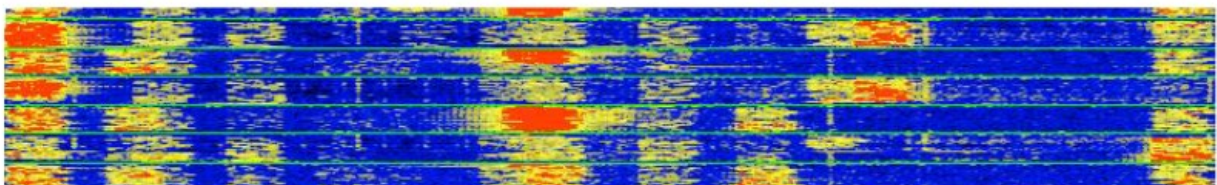


FT8 Operating Guide

Work the world on HF using the new digital mode

by Gary Hinson ZL2iFB Version 1.5 January 2018

Note: this document is still evolving.
The latest version is available from
www.g4ifb.com/FT8_Hinson_tips_for_HF_DXers.pdf



WITH FT8 INCREASING IN POPULARITY, IT MIGHT BE WORTH CHECKING OUT THIS VERY COMPREHENSIVE GUIDE TO OPERATING. CLICK ON THE LINK BELOW TO VIEW THE .PDF FILE --- JUST DON'T FORGET TO COME BACK TO VOICE MODES AND KEEP SSB ALIVE!

https://www.mhdx.com/system/files/FT8_Hinson_tips_for_HF_DXers.pdf

CONTEST CALENDAR

STATE QSO PARTY LIST FOR SEPTEMBER:

September		
Colorado	+ Colorado QSO Party	1300Z, Sep 4 to 0400Z, Sep 5, 2021
Tennessee	+ Tennessee QSO Party	1800Z, Sep 5 to 0300Z, Sep 6, 2021
Alabama	+ Alabama QSO Party	1500Z, Sep 11 to 0300Z, Sep 12, 2021
Texas	+ Texas QSO Party	1400Z, Sep 18 to 0200Z, Sep 19, 2021 and 1400Z-2000Z, Sep 19, 2021
Iowa	+ Iowa QSO Party	1400Z, Sep 18 to 0200Z, Sep 19, 2021
New Hampshire	+ New Hampshire QSO Party	1600Z, Sep 18 to 0400Z, Sep 19, 2021 and 1600Z-2200Z, Sep 19, 2021
New Jersey	+ New Jersey QSO Party	1600Z, Sep 18 to 0359Z, Sep 19, 2021
Washington	+ Washington State Salmon Run	1600Z, Sep 18 to 0700Z, Sep 19, 2021 and 1600Z-2400Z, Sep 19, 2021
Maine	+ Maine QSO Party	1200Z, Sep 25 to 1200Z, Sep 26, 2021

PERPETUAL CONTESTS FOR SEPTEMBER:

September 2021	
+ All Asian DX Contest, Phone	0000Z, Sep 4 to 2359Z, Sep 5
+ Wake-Up! QRP Sprint	0600Z-0800Z, Sep 4
+ AGCW Straight Key Party	1300Z-1600Z, Sep 4
+ PODXS 070 Club Jay Hudak Memorial 80m Sprint	2000Z, Sep 4 to 2000Z, Sep 5
+ CWOps CW Open	2000Z-2359Z, Sep 4
+ Tennessee QSO Party	1800Z, Sep 5 to 0300Z, Sep 6
+ MI QRP Labor Day CW Sprint	2300Z, Sep 6 to 0300Z, Sep 7
+ ARS Spartan Sprint	0100Z-0300Z, Sep 7
+ FOC QSO Party	0000Z-2359Z, Sep 11
+ WAE DX Contest, SSB	0000Z, Sep 11 to 2359Z, Sep 12
+ SKCC Weekend Sprintathon	1200Z, Sep 11 to 2359Z, Sep 12
+ ARRL September VHF Contest	1800Z, Sep 11 to 0300Z, Sep 13
+ North American Sprint, CW	0000Z-0400Z, Sep 12
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Sep 13
+ AGB NEMIGA Contest	2100Z-2359Z, Sep 17
+ ARRL 10 GHz and Up Contest	0600 local, Sep 18 to 2359 local, Sep 19
+ Scandinavian Activity Contest, CW	1200Z, Sep 18 to 1200Z, Sep 19
+ Texas QSO Party	1400Z, Sep 18 to 2000Z, Sep 19
+ QRP Afield	1500Z-2100Z, Sep 18
+ Washington State Salmon Run	1600Z, Sep 18 to 2359Z, Sep 19
+ New Jersey QSO Party	1600Z, Sep 18 to 0359Z, Sep 19
+ New Hampshire QSO Party	1600Z, Sep 18 to 2200Z, Sep 19
+ North American Sprint, RTTY	0000Z-0400Z, Sep 19
+ Run for the Bacon QRP Contest	2300Z, Sep 19 to 0100Z, Sep 20
+ 144 MHz Fall Sprint	1900 local-2300 local, Sep 20
+ SKCC Sprint	0000Z-0200Z, Sep 22
+ CQ Worldwide DX Contest, RTTY	0000Z, Sep 25 to 2359Z, Sep 26
+ Maine QSO Party	1200Z, Sep 25 to 1200Z, Sep 26
+ AGCW VHF/UHF Contest	1400Z-1800Z, Sep 25

<https://www.contestcalendar.com/perpetualcal.php>

CONTEST CALENDAR

https://www.contestcalendar.com/contestcal_cw.html

September 2021	
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 1
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 1
+ G3ZQS Memorial Straight Key Contest	2300Z, Sep 1 to 2300Z, Sep 3
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 2
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 2
+ SKCC Sprint Europe	1900Z-2100Z, Sep 2
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 3
+ CWops CW Open	0000Z-0359Z, Sep 4
+ Wake-Up! QRP Sprint	0600Z-0629Z, Sep 4 and 0630Z-0659Z, Sep 4 and 0700Z-0729Z, Sep 4 and 0730Z-0800Z, Sep 4
+ CWops CW Open	1200Z-1559Z, Sep 4
+ AGCW Straight Key Party	1300Z-1600Z, Sep 4
+ Colorado QSO Party	1300Z, Sep 4 to 0400Z, Sep 5
+ CWops CW Open	2000Z-2359Z, Sep 4
+ MI QRP Labor Day CW Sprint	2300Z, Sep 6 to 0300Z, Sep 7
+ ARS Spartan Sprint	0100Z-0300Z, Sep 7
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 8
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 8
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 9
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 9
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 10
+ FOC QSO Party	0000Z-2359Z, Sep 11
+ SKCC Weekend Sprintathon	1200Z, Sep 11 to 2400Z, Sep 12
+ Alabama QSO Party	1500Z, Sep 11 to 0300Z, Sep 12
+ North American Sprint, CW	0000Z-0400Z, Sep 12
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 15
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 15
+ RSGB 80m Autumn Series, CW	1900Z-2030Z, Sep 15
+ NAQCC CW Sprint	0030Z-0230Z, Sep 16
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 16
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 16
+ NCCC Sprint	0230Z-0300Z, Sep 17
+ AGB NEMIGA Contest	2100Z-2400Z, Sep 17
+ Scandinavian Activity Contest, CW	1200Z, Sep 18 to 1200Z, Sep 19
+ Washington State Salmon Run	1600Z, Sep 18 to 0700Z, Sep 19 and 1600Z-2400Z, Sep 19
+ Run for the Bacon QRP Contest	2300Z, Sep 19 to 0100Z, Sep 20
+ SKCC Sprint	0000Z-0200Z, Sep 22
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 22
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 22
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 23
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 23
+ NCCC Sprint	0230Z-0300Z, Sep 24
+ AGCW VHF/UHF Contest	1400Z-1700Z, Sep 25 (144) and 1700Z-1800Z, Sep 25 (432)
+ QCX Challenge	1300Z-1400Z, Sep 27
+ QCX Challenge	1900Z-2000Z, Sep 27
+ QCX Challenge	0300Z-0400Z, Sep 28
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 29
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 29
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 30
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 30

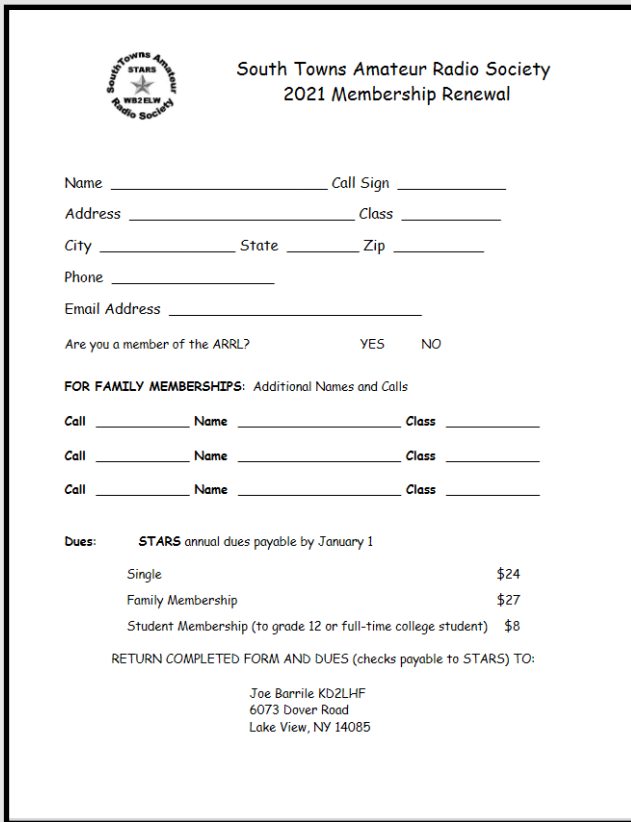
THIS PAGE WILL NOT CHANGE:

BELOW PLEASE FIND A COPY OF THE MEMBERSHIP RENEWAL FORM AS WELL AS THE NEW MEMBER APPLICATION FORM.

THE LINKS ABOVE EACH WILL TAKE YOU TO THE CORRESPONDING FILE ON THE WB2ELW WEBSITE AND ALLOW YOU TO PRINT THEM.

[RENEWAL FORM \(CLICK HERE\)](#)

[APPLICATION FORM \(CLICK HERE\)](#)



South Towns Amateur Radio Society
2021 Membership Renewal

Name _____ Call Sign _____
 Address _____ Class _____
 City _____ State _____ Zip _____
 Phone _____
 Email Address _____

Are you a member of the ARRL? YES NO

FOR FAMILY MEMBERSHIPS: Additional Names and Calls

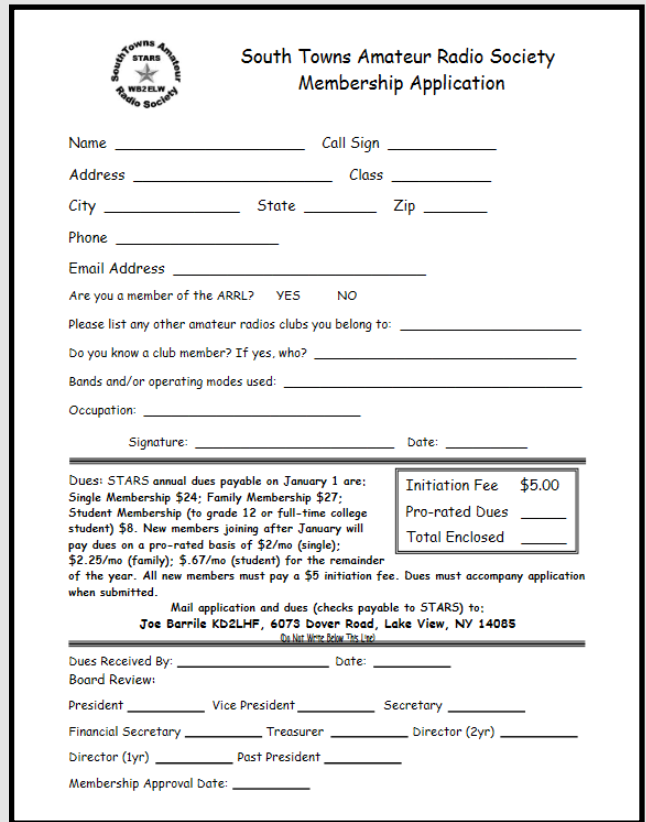
Call _____ Name _____ Class _____
 Call _____ Name _____ Class _____
 Call _____ Name _____ Class _____

Dues: STARS annual dues payable by January 1

Single	\$24
Family Membership	\$27
Student Membership (to grade 12 or full-time college student)	\$8

RETURN COMPLETED FORM AND DUES (checks payable to STARS) TO:

Joe Barrille KD2LHF
 6073 Dover Road
 Lake View, NY 14085



South Towns Amateur Radio Society
Membership Application

Name _____ Call Sign _____
 Address _____ Class _____
 City _____ State _____ Zip _____
 Phone _____
 Email Address _____

Are you a member of the ARRL? YES NO

Please list any other amateur radios clubs you belong to: _____

Do you know a club member? If yes, who? _____

Bands and/or operating modes used: _____

Occupation: _____

Signature: _____ Date: _____

Dues: STARS annual dues payable on January 1 are:
 Single Membership \$24; Family Membership \$27;
 Student Membership (to grade 12 or full-time college student) \$8. New members joining after January will pay dues on a pro-rated basis of \$2/mo (single); \$2.25/mo (family); \$.67/mo (student) for the remainder of the year. All new members must pay a \$5 initiation fee. Dues must accompany application when submitted.

Initiation Fee	\$5.00
Pro-rated Dues	_____
Total Enclosed	_____

Mail application and dues (checks payable to STARS) to:
Joe Barrille KD2LHF, 6073 Dover Road, Lake View, NY 14085
Do Not Sign Below This Line

Dues Received By: _____ Date: _____
 Board Review:
 President _____ Vice President _____ Secretary _____
 Financial Secretary _____ Treasurer _____ Director (2yr) _____
 Director (1yr) _____ Past President _____
 Membership Approval Date: _____

IF YOU ARE UNSURE IF YOUR MEMBERSHIP IS UP TO DATE, PLEASE CONFIRM WITH MEMBERSHIP CHAIR, JOE BARILLE (KD2LHF), TO ENSURE YOU ARE KEPT UP TO DATE WITH THE LATEST TELSTAR PUBLICATION, CLUB EVENTS, PROMOTIONS, ETC.

Just a friendly reminder of the STARS Amateur Radio Society Facebook Page...

If you are on Facebook—stop by, like and share!

Here is a link: <https://www.facebook.com/WB2ELW>

Home Community Events Photos More ▾

About [See All](#)

2982 Lakeview Rd Hamburg, NY 14075

STARS is an Amateur Radio group based out of Hamburg, NY. We have a range of radio interests from HF contesting to community service and are always open to interested people. Feel free to check into our nets: Tues. 7:30pm 147.090+ 88.5, Sat. 10am 3.925 +-

STARS Amateur Radio Society
★ Favorites · June 15, 2017 · 🌐

Check out our Community tab to see all the great posts from people who like our page!

FACEBOOK.COM
www.facebook.com

You and 2 others 1 Comment



BLUE & UNDERLINED:

WHEN YOU SEE SOMETHING IN TELSTAR IN BLUE LETTERS AND UNDERLINED, IT MEANS IT IS AN INTERNET LINK. CLICK ON IT TO OPEN THE ASSOCIATED LINK IN A BROWSER.

HERE, TRY THIS!..... [\(CLICK HERE\)](#)



THANK-YOU TO OUR BOARD OF DIRECTORS FOR ALL THAT YOU DO TO KEEP THE CLUB IN ORDER AND FUNCTIONING (BOTH LOCALLY AND FROM AFAR)....

THANKS RICK (W2RLN) FOR RUNNING THE TUESDAY NIGHT NET AND ALWAYS BEING PROMPT AND PRESENT, AND THANKS TO BOB (WA2YSJ) FOR YOUR COMMITMENT WITH THE HF NET ON SATURDAY MORNINGS!

THANKS ESPECIALLY TO MIKE (KB2FX) AND KEN (KC2AYK) FOR HANDLING THE TECHNICAL SIDE OF THINGS, BEHIND THE SCENES.... IT'S A LOT OF WORK AND WE ALL APPRECIATE YOU!
-STARS MEMBERS

CLUB OFFICERS 2021

President Ken Pokigo KC2AYK
 V. President Al Mitzo WA2TTT
 Treasurer John Leitten KA2RFT
 Recording Sec'y Joe Claus KB2JDB
 Financial Sec'y Joe Barille KD2LHF
 Membership Chair Joe Barille KD2LHF
 Director 1yr Bob Koster KA2WYE
 Director 2yr Jon Hall AA2CC
 Clubhouse Chair Al Mitzo WA2TTT
 Fundraising Chair Jon Hall AA2CC
 Hospitality Chair Bill Donovan KD2QLF

CLUB OFFICERS 2021

Net Control Stations Rick Neubeck W2RLN (VHF)
 Bob Lehning WA2YSJ (HF)
 NYQP Chair John Leitten KA2RFT
 Photographer Gerry Maira KA2MGE
 Program Chair Larry Plumb WA2TLY
 Repeater Chairs Mike Fetto KB2FX
 Ken Pokigo KC2AYK
 Special Events Chairs Joe Claus KB2JDB
 Bob Koster KA2WYE
 Telstar Editor Matt Ovitt KD2UOE
 VE Team Liason Bob Koster KA2WYE
 Webmaster
 Field Day Chair Gerry Maira KA2MGE

GIZMOS, GADGETS AND WHAT-HAVE-YOU!?

LOOKING FOR SOMETHING? GOT SOMETHING TO SELL OR TRADE?
THAT'S WHAT YOU'LL FIND HERE!

FEEL FREE TO SUBMIT YOUR I.S.O. (IN SEARCH OF) OR WANTED TO
SELL AD TO THE TELSTAR AT:

TELSTAR@WB2ELW.COM

IN HOPES TO FIND OLDER LAPTOP (XP). MUST HAVE RJ45 JACK FOR NET
CABLE AND SERIAL (DB9) PORT... PLEASE CONTACT JOE IF YOU HAVE
SOMETHING - HE IS DESPERATE AND WILLING TO BARTER OR BUY IN A
SELLERS MARKET.

-JOE KB2JDB

HAVE MANY HP DESKTOP P.C. TOWERS, OPERATIONAL, CLEAN W/ FRESH
INSTALL OF WINDOWS 7 OR 10. MAKE FOR GREAT SHACK COMPUTERS,
SOME COULD USE RAM OR EXTRA HARD DRIVE. MANY ARE I5 OR I7.

ASKING \$20.00/EACH

-MATT KD2UOE

Kenwood TS-520 Transceiver (see full description below)

Asking \$300.00 or best offer.

Features:

- 80-10 meters, Noise Blanker, RF Attenuator
- 25 kHz Marker, RITWWV/JJY Receive
- Accurate Analog Dial 120 VAC Operation

The Kenwood TS-520 is designed for SSB and CW modes in the 80 through 10 meter ham bands. It also features receive of WWV at 10 MHz. The TS-520 features a very accurate linear analog display dial. Power input is 120W PEP SSB and 100W DC CW. (This transceiver does not have general coverage receive). The hybrid circuit includes three 6146A and two 12BY7A tubes plus 1 IC, 17 FETS, 45 transistors and 84 diodes. In working Condition, as is.

GIZMOS, GADGETS AND WHAT-HAVE-YOU!?

(4) LINKSYS SPA941 VOIP PHONES W/ POWER ADAPTER
(READY TO USE WITH HAMSHACK HOTLINE) - \$20/EA

-MATT KD2UOE

Cushcraft #10-4CD 4 element 10 Meter yagi on a 16' boom (new-still in the box) \$175.00

Cushcraft #A503S 3 element 6 Meter yagi on a 6" boom (new -still in the box) \$130.00

Alliance #HD-73 heavy duty antenna rotator w/control box and length of control cable (like new) \$150.00

Midland #23-126 field strength indicator/standing wave bridge (vintage) \$15.00

Heathkit #GD-1B grid dip meter w/coils (vintage) \$15.00

Vibroplex keyer paddle (vintage) s/n 260796 \$20.00

Heathkit #DX-35 (vintage) 50 watt xtal controlled cw/am transmitter \$50.00

Drake #2-NT (vintage) 70 watt xtal controlled cw transmitter \$50.00

Bird #25-T-MN 25 watt RF load (new) \$20.00

Microwave Assoc. #44004 100 watt RF load (used) \$50.00

Antenna mount kit (chimney) up to 1-1/2" mast \$15.00

1 pr heavy duty galvanized mount brackets wall or pole to antenna mast \$20.00

1 pr heavy duty galvanized mount brackets pole to antenna mast \$30.00

1 pr heavy duty galvanized mount brackets telephone pole to antenna mast \$50.00

Anyone interested in any of the above can contact me by e-mail or telephone (WA2YSJ@roadrunner.com or 716-947-4974 there is an answering machine)