



## News from



# The GLORIOUS SOCIETY OF THE WORMHOLE

**June 2022**

## **Hello Worms**

The weather this weekend is getting problematic. Check your email before coming to the meeting. A meeting cancellation would be sent out to the same addressees as this newsletter.

June is here already. We will meet face to face for those who wish to do so. Alternately, if Alan is in attendance, we will again broadcast the meeting on the repeater and video. We will meet at the regular meeting time of 1100 on Saturday morning at the Lurie Civic Building on the St Petersburg College campus in Seminole. Turn west at the light at 113<sup>th</sup> St N and about 92<sup>nd</sup> Ave N. It's the first building on the north side. Here is a link to a Google map : [Google Maps](#) . There are a few parking spots at the Chamber building but if you go another 100 yards past you can park in the college parking lot which is a lot closer to the outside meeting area. Below is the Zoom information. I only have one Zoom meeting I use for everything , same link and same passcode as every month ;-)

---

-----  
-----  
Topic: Bill Williams' Zoom Meeting  
Time: This is a recurring meeting Meet anytime

Join Zoom Meeting  
<https://zoom.us/j/2737114584?pwd=d1BETHVOQ21vWWZXZ0lYQ0FIWWtldz09>

Meeting ID: 273 711 4584  
Passcode: worm

---

--  
  
BRING YOUR CHAIR and lunch! There are a few picnic benches if you do not have a folding chair but they are not comfortable for most of us. We will not be cooking but we have

access to the Chamber of Commerce building which has a microwave and a toaster oven so you can heat up/cook what you bring. Also bring your lunch and coffee if you want it.

## **\* NEW OPTIONS TO REMOVE INFO FROM GOOGLE SEARCH\***

Blog.Google by Michelle Chang

Privacy and online safety go hand in hand. And when you're using the internet, it's important to have control over how your sensitive, personally identifiable information can be found.

On Google Search, we already have a set of policies that allow people to request the removal of certain content from Search, with a focus on highly personal content that, if public, can cause direct harm to people. But the internet is always evolving – with information popping up in unexpected places and being used in new ways — so our policies and protections need to evolve, too.

Open access to information is a key goal of Search, but so is empowering people with the tools they need to protect themselves and keep their sensitive, personally identifiable information private. That's why we're updating our policies to help people take more control of their online presence in Search.

For many years, people have been able to request the removal of certain sensitive, personally identifiable information from Search — for example, in cases of doxxing, or information like bank account or credit card numbers that could be used for financial fraud. Under this new policy expansion, people can now request removals of additional types of information when they find it in Search results, including personal contact information like a phone number, email address, or physical address. The policy also allows for the removal of additional information that may pose a risk for identity theft, such as confidential log-in credentials, when it appears in Search results.

The availability of personal contact information online can be jarring — and it can be used in harmful ways, including for unwanted direct contact or even physical harm. And people have given us feedback that they would like the ability to remove this type of information from Search in some cases.

When we receive removal requests, we will evaluate all content on the web page to ensure that we're not limiting the availability of other information that is broadly useful, for instance in

news articles. We'll also evaluate if the content appears as part of the public record on the sites of government or official sources. In such cases, we won't make removals.

It's important to remember that removing content from Google Search won't remove it from the internet, which is why you may wish to contact the hosting site directly, if you're comfortable doing so.

We're always looking for new ways to ensure our policies and built-in safeguards reflect peoples' evolving needs and are easy to use. For example, in addition to this update, we recently rolled out a new policy to enable people under the age of 18 (or their parent or guardian) to request the removal of their images from Google Search results.

Maximizing access to information while empowering people to be in control of their sensitive, personally identifiable information is a critical balance to strike. We believe these updates are an important step to deliver on that goal and give people the tools they need to protect their safety and privacy online.

## **\*2022HAMVENTION ATTENCANCE ANNOUNCED\***

By W8HJR, Media Chairman 05/27/2022

The official attendance at Hamvention 2022 was 31367. General Chairman Rick Allnutt, WS8G, said although that was about 1,000 less than 2019, he considered it not bad for a pandemic recovery year. Hamvention was cancelled in 2020 and 2021 because of the covid pandemic.

## **\*PRACTICAL USE OF DECIBEL AND SWR VALUES.1\***

Ralph WD0EJA

The purpose of this article is to help explain how complex measurements or terms can be used and understood in a practical way. Therefore, many of the statements are not an exact science, but what can happen in real applications.

Standing Wave Ratios (SWR) and Decibels (dB), are terms used regularly among the Amateur Radio Community. If you had not had in depth technical training of what this stuff is on paper, it can appear a bit hazy. Actually, it can be hazy to those of us that were supposed to learn it. DECIBEL: A term used commonly representing a loss or gain ratio of Radio Frequency power, voltage or current.

Two related values are needed to calculate dB.

For example, power applied to an amplifier, compared to the power coming out of an amplifier. We express this in dB. Why?

Incredibly, our ears are on a logarithmic response. My, how did that happen? Oops! I did not intend to get religious.

The formula for dB power is not too bad.  $dB = 10 \times \log P2/P1$ .

P1 = power in, P2 is power out.

As an illustration, if a person estimates that the signal is "twice as loud" when the transmitter power is increased from 10 watts to 40 watts, he will also estimate that a 400 watt signal is twice as loud as a 100 watt signal. The human ear has a logarithmic response.

This fact is the basis for the use of the relative-power unit called the decibel (dB).

Our receiver is a sophisticated Field Strength meter. It takes a power value from the air and puts a number to it on our S-Meters. How can this compare to dB?

There is still not a set standard among radio manufactures of how many dB it takes to move 1 S unit. However, most will provide this rating for there own radios.

For example, 1 S-unit is equivalent to a 6dB ratio. That would indicate you would hear the change in signal 6 times from one S-unit to the next, whether you are going up or down in signal strength.

When you operate your stations, keep this in mind as you watch your S-Meter in respect to comparing antennas, directive measurements and power levels. This will give you a better understanding of what changes in actual measurements are relevant, or significant, and which are not.

Boy, I'm at the end of the page and I hardly got started. Well, we have something for next month.

73,

Ralph WD0EJA

May 2022

[wd0eja@isotronantennas.com](mailto:wd0eja@isotronantennas.com)

---

**\*CLUB MEETING\***

We will again have a face to face club meeting in June. We will try to keep up on the 2M and also video concurrent on a video service. The meeting will be held at the Lurie Civic Building which is the new Greater Seminole Area Chamber of Commerce. It is located on the St

Petersburg College campus in Seminole. Turn west at the light at 113<sup>th</sup> St N and about 92<sup>nd</sup> Ave N.

---

**\*CLUB NETS\***

Check in on the club net Thursdays at 1930 and 2000 (or at the end of the 2M net). 2M at 146.850 – with a tone of 146.2. Our 6M net runs after our regular 2M net on 53.150 – 1MHz offset 146.2 tone.

---

**\*LOCAL NETS\***

**MONDAY**

1730 147.030 + Receiver sites and tone info <http://www.gsl.net/wd4scd/> St Pete Yacht Club ARC

1830 147.060+ no tone	St Pete ARC daily net	St Petersburg
1900 144.210 USB	CARS, vertical polarization	Clearwater
1900 147.135 +146.2	Zephyrhills ARC	Zephyrhills
2000 147.165+ 136.5	Brandon ARS	from Brandon
2000 50.135	Pinellas ARK	Pinellas County
2030 NI4CE system	EAGLE Net, NTS traffic net,	NI4CE system
2030 145.450	Pinellas ARK	Pinellas County

**TUESDAY**

1830 147.060 no tone	St Pete ARC daily net	from St Petersburg
1900 50.200 USB	6M net	Brandon ARS
1900 28.365 USB	10M Net	Clearwater
1900 NI4CE system	WCF Section VHF ARES	NI4CE system

1930	145.170 & 442.4 both pl 156.7	Pinellas ACS net	Clearwater
1930	444.900 +141.3	Sheriff's Tactical ARC	Tampa
2000	NI4CE system	WCF Skywarn net	NI4CE system
2000	147.105+ 146.2	Tampa ARC net	from Tampa
2000	28.365 USB	simplex	Brandon ARS
2030	NI4CE system	EAGLE Net, NTS traffic net	NI4CE system
2100	28.465 USB	10/10 net	from Orlando
1900	146.490 simplex	3 <sup>RD</sup> Tuesday monthly, Hillsborough Co ARES simplex Net	

### WEDNESDAY

1830	147.060 no tone	St Pete ARC daily net	from St Petersburg
1900	147.165 + 136.5	Humpday Net	from Brandon
1930	52.020 simplex	Suncoast 6'ers	from St Petersburg
1930	NI4CE system	WCF Section Digital Info Ne	NI4CE system
2000	147.105 146.2	Greater Tampa CERT net	from Tampa
2000	146.97- 146.2	Clearwater ARS	from Clearwater
2030	NI4CE system	EAGLE Net, NTS traffic net	NI4CE system
2100	NI4CE system	Tampa Bay Traders Net	non-affiliated
0000-2359	HF Winlink	Winlink Wednesday Net <a href="https://winlinkwednesday.net/reminder.html">https://winlinkwednesday.net/reminder.html</a>	

### THURSDAY

1800	146.52 simplex	Hillsborough ARES/RACES	North Tampa
1830	147.060 no tone	St Pete ARC daily net	from St Petersburg
1900	444.750 +146.2	Fusion net	from Tampa
1915	224.660- no tone	St Pete ARC	from St Petersburg
1930	146.6385 -127.3	Lakeland ARC	from Lakeland
1930	444.225 + 146.2	Hillsborough ARES/RACES	from Tampa

1930 146.850- 146.2	Wormhole	from St Petersburg
2000 53.150 –1MHz 146.2	Wormhole	from St Petersburg
2030 NI4CE system	EAGLE Net, NTS traffic net	NI4CE system

**FRIDAY**

1830 147.060 no tone	St Pete ARC daily net	from St Petersburg
1900 3.830 LSB	Brandon 80M Net	from Brandon
2030 NI4CE system	EAGLE Net, NTS traffic net	NI4CE system

**SATURDAY**

0730 3.940 (7.281 Alt.)+/- QRM	WCF Section HF Net	from WCF
1830 147.060 no tone	St Pete ARC daily net	from St Petersburg
2030 NI4CE system	EAGLE Net, NTS traffic net	NI4CE system

**SUNDAY**

0800 3.933	Florida Traders Net	non-affiliated
1830 147.060 no tone	St Pete ARC daily net	from St Petersburg
1930 NI4CE system	WCF Section Net	NI4CE system
2000 147.550 simplex	550 Simplex Net	Pinellas County
2030 NI4CE system	EAGLE Net, NTS traffic net	NI4CE system
2100 144.210 USB	Clearwater ARS	vertical orientation

---

**\*FOR SALE / WANTED\***

Anyone having something for sale or who might be looking for an item let me know. I will not print phone numbers or email addresses unless specifically told to since this newsletter might end up on the web. The exception is when I get the information off the web. If you are a member of the Wormhole then you can ask club members for the persons contact information. If you are not a member ... why not? OK, if you are not a member you can contact me at the

email address at the end of this newsletter, I will give you the information to contact the person involved.

FOR SALE,

---

## \*HAMFESTS\*

### 2022

- June 11** Dade City, 3rd Annual Pre-Field Day Tailgate Gathering, 13642 21st Street South (SR52), Talk-In 147.135 + 146.2, for info contact Gary Mentro , N3OS at 813-713-9994 or [n3os@arrl.net](mailto:n3os@arrl.net)
- August 13 Fort Pierce, Treasure Coast Public Safety Training Complex, 4600 Kirby Loop Road, ALL INDOOR, Gate \$10, table \$15, electric \$5, talkin 147.345 +107.2, for info and tickets goto <https://fparc.org/>
- August 20** **TARCFest** TARC Clubhouse, 7801 N 22<sup>nd</sup> St, \$5 entry includes tailgate, a few inside tables reserved in advance, talkin on 147.105 +146.2, more info at <http://hamclub.org/>
- October 15 Bradenton, 2nd Annual Manatee Amateur Radio Club Swapfest, 2113 Morgan Johnson Rd, Talk-In 146.820 – 100.0, info Michael Ryan , K4CVL ,941-376-6453, [mryan5200@gmail.com](mailto:mryan5200@gmail.com), no info on website
- 
- November 12** Pinellas Park, **SPARCFest**, admission FREE, tailgate free, Freedom Lake Park, 9990 46th St N, Southeast corner of US 19 and 49<sup>th</sup> Street, Talk-in on 147.060+ no tone. VE testing at 0900. For more information go to <http://www.sparc-club.org/sparcfest.html> or email [kc1yl@yahoo.com](mailto:kc1yl@yahoo.com)
- December 9 & 10** **Plant City, the 2022 Tampa Bay Hamfest and West Central Florida Section Convention**, Friday and Saturday, at the Strawberry Festival grounds, admission \$10, 16x40ft tailgate space \$10, electric \$5, for information contact Bill Williams AG4QX, [chairman@fgcarc.org](mailto:chairman@fgcarc.org) or go to <http://www.tampabayhamfest.org> or you can just ask me, Jim or Dee at a meeting ;-)



---

Mid January	Adventure Run, Honeymoon Island
Last full weekend January	Winter Field Day, <a href="https://www.winterfieldday.com/">https://www.winterfieldday.com/</a>
Late January	Gasparilla celebration
Late February	West Central Florida Tech Conference <a href="http://arrlwcf.org/wcf-special-events/wcftechconference/">http://arrlwcf.org/wcf-special-events/wcftechconference/</a>
March	MS 150 Citrus Tour bike ride <a href="http://www.citrustour.org/register.php">http://www.citrustour.org/register.php</a>
March/April	MS Walks
March/April	Mass Casualty Exercises
Late April	Southeastern VHF Society Conference, <a href="http://www.svhfs.org">http://www.svhfs.org</a>
Late April	Florida QSO Party
Mid May	March For Babies (was March of Dimes) <a href="https://www.marchforbabies.org/Registration/Events">https://www.marchforbabies.org/Registration/Events</a>
Mid May	Annual Armed Forces Crossband Test
Mid-May	Florida Hurricane Exercise
Late May	Dayton Hamfest
May, Memorial Day Weekend	Wormfest
First weekend in June	Museum Ships on the Air
Fourth weekend in June	Field Day <a href="http://www.arrl.org/contests/announcements/fd/">http://www.arrl.org/contests/announcements/fd/</a>
July 3/4	Midnight Run in Largo <a href="http://www.kiwanismidnightrun.com/">http://www.kiwanismidnightrun.com/</a>
Third weekend in August	International Lighthouse/Lightship Week <a href="https://illw.net/">https://illw.net/</a>
October, 3 <sup>rd</sup> weekend	JOTA, Scout Jamboree-on-the-AIR (around 14.280MHz)
Early December	ALS bike ride in Walsingham Park
December, Second weekend	Tampa Bay Hamfest <a href="http://www.fgcarc.org/">http://www.fgcarc.org/</a>

---

**\*YOUR WORMHOLE OFFICERS\***

Bill AG4QX is President and editor of this newsletter, Treasurer is Jim KD4MZL, Paul KA4IOX is the Secretary, Dee N4GD is the Repeater Trustee and Mike K4ZPE is both our club Vice President and webmaster.

## **\*YOUR WORMHOLE REPEATERS\***

53.150 -1Mz PL 146.2

442.625 +5Mz PL 146.2

146.850 - 600Kz PL 146.2

The Wormhole 2M and 440 repeaters are both now dual mode Yaesu DR-1X. FM analog as always and Yaesu Fusion, a C4FM digital mode.

The Wormhole website is at: <http://www.TheWormholeSociety.org>.

West Central Florida Section website: <http://www.arrlwcf.org/>.

The ARRL website is at: <http://www.arrl.org/>

This newsletter is written for The Glorious Society of the Wormhole, an ARRL affiliated amateur radio club located around the Seminole section of Pinellas County Florida. Anyone wishing to be added or removed from The Glorious Society of the Wormhole mailings please write to me at the address below and thy will be done.

73,  
Bill Williams  
AG4QX  
[ag4qx AT arrl DOT net](mailto:ag4qx@arrl.net)