**The HIARC Bulletin**

August 2021 Edition

**The Official Bulletin of the Harris-Intersil Amateur Radio Club**

**Club Meetings:** Second Thursday of each month at Meemaw’s Barbecue on Babcock Street between Palm Bay Road and Port Malabar Road. Supper is at 5:30 PM, business is at 6:30 PM. Prizes at 7:00 PM. Our programs start at 7:15 PM. Meeting ends by 8:00 PM. As some members have allergies, we kindly ask that you refrain from wearing fragrances thanks.

**Club Station:** Building 15, Room 321.  E-mail Butch for access.

**Repeaters:** K4HRS,145.47 Mc, tone 107.2 cycles, elevation 170 feet, Melbourne. Works good, repeater has sensitive receiver.

**HIARC Web Site:** <www.qsl.net/hiarc>. Website administrator; Jim , KC7SSW

**Officers:** President: Francis (“Butch”), WA4AQV

Treasurer: Pat KA4ZEC

Secretary: Open

Repeater Chairmen: Clyde KD8AN

Program Chairman: Open

Field Day Chairman: Open

Sunshine Chairman: Open

Club Jester: Ken N8KH

**Annual Membership:**

Annual dues are $12.00. Join at the meeting or send a check to:

HIARC Treasurer

Pat , KA4ZEC

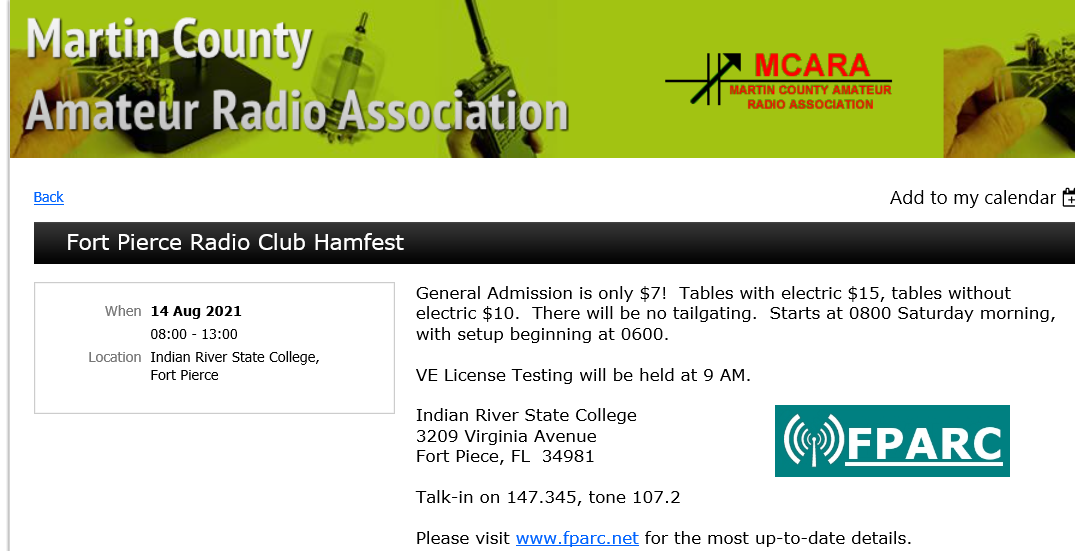
We are on a calendar year dues system with annual dues due in June. Dues are prorated by a dollar a month so if you join in April they are $2.00 to get to June, or you can pay ahead thanks.

You can send me your email address to receive the newsletter: francis.parsche@l3harris.com

**Annual Events:** Annual swapfest at the October meeting. Field Day TBD.

**Selected Hamfests:**

* Fort Pierce Radio Club Hamfest thi weekend August 14:



* September 19, 2021: PCARS Quarterly Tailgate at the Melbourne Fire Department Training Center, 1980 Hughes Road, Melbourne FL. Starts about 9 AM lasts till about 11 AM. Friendly get together. Usually lunch after at TBD location. Talk in and going to lunch discussion is on the 146.61 MHz repeater no tone.
* October 8 and 9. Melbourne Hamfest. [www.pcars.org](http://www.pcars.org)

**Ham Radio Lunches:**

* Every Friday, 11:00 AM till 1:00 PM or so, Golden Corral on Palm Bay Road in Palm Bay. Around 12 people recently and growing.
* Once a month, the Saturday after the PCARS meeting, Sarno Restaurant and Pizzaria, 11:00 AM. Talk in 146.61 repeater. This is at the corner of Sarno Road and Croton Road.

**Thursday August 12 HIARC Meeting**

Our next HIARC meeting is this Thursday August 12 in the Babcock Street Meemaws Barbecue Banquet Room.

Agenda:

* Supper at 5:30 PM
* Business meeting at 6:30 PM
* Prize drawing at 6:50 PM
* Program at 7:10 PM: “Manpack Radios” by Vlad KX4TH
* Vacate room at 7:50 PM

**August Program: Manpack Radio**

Building an “all-band” portable and/or mobile installable radio kit for road trips, hikes, or emergency preparedness. Based around an Icom IC-7100 radio, the presentation will cover concept, construction, cost, and practical results in the field including travel considerations.

Thanks

Vlad KX4TH

**Making A New HIARC Roster**

Since we don't have a roster at his point, I would like to create one. Please respond to Pat

with:

Last name:

First name:

Call sign:

Mailing address:

Phone number:

Dues are due for 2021 – 2021. If you haven’t paid mail checks to:

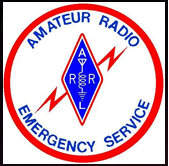
Pat KA4ZEC

Thanks.

Pat KA4ZEC

HIARC Treasurer

**Amateur Radio Emergency Service**

**Reorganization of Brevard ARES Structure**

There has been a change in the Brevard ARES that we need to communicate to all Brevard hams we can reach.

First, JD Shaw K7LCW has resigned due to health reasons and has moved out of the county. He has served ARES well and we wish only the best for him.

There is a new region created: Space Coast ARES of Brevard and Osceola Counties. Ed Johnson W2PH was appointed as the Emergency Coordinator for this new region. Under him, Brevard County has been divided into three new districts, each with its own Emergency Coordinator, EC.

The new districts are:

Northern Brevard, EC is Ricky DeLuco K4JTT

Central District EC: Hylan Boxer, W4UTD

Southern District EC: Skip Bush, KD0CXT

The three districts were chosen to best fit the needs of Brevard County with ARES resources available, and also to identify where resources need to be created or strengthened. The districts were not chosen to favor, nor exclude, any particular club or organization. The sincere hope is all clubs in these new districts will encourage their members to join ARES (or continue to maintain their involvement,) even though formal ARES functions are no longer club-centric. Clubs in all districts should have an ARES liaison to communicate, recruit and encourage participation.

Note that membership in the ARRL is not a requirement to volunteer for ARES. Any licensed ham can participate, regardless of his or her affiliation.

Members of HIARC are cordially invited to participate in ARES activities. Some important links are:

- Amateur Radio Emergency Service, an arm of the ARRL See [www.arrl.org/ares](http://www.arrl.org/ares)

Emergency Operations Center; for Brevard County, this is located in Rockledge.

<https://www.brevardfl.gov/EmergencyManagemenResponset/>

Space Coast/Brevard County Amateur Radio Emergency Services of Brevard County <https://www.ares-brevard.com>

We need you. Contact ED [w2ph@arrl.net](mailto:w2ph@arrl.net) and let him know. Take at least the basic on-line classes. Show up at exercises. Come to our meetings. Be involved.

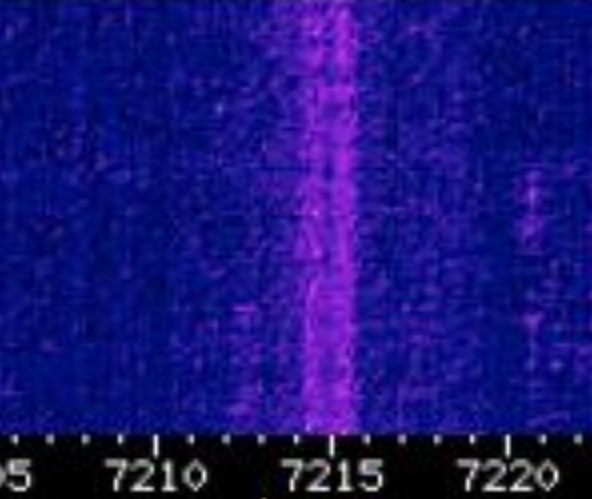
By Gary Bishop NQ0V Conscripted Scribe

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**Jamming Is Back**

You’ve probably heard of the defunding, supending or removal of postings, especially those that big tech disagrees with. These days social media does most the jamming.

But before the internet there was another style of jamming: RF jamming. Cold war style radio jamming started occurring on 40 meters in the last month. Evenings have seen jamming from 7125 kc to 7200 kc. It varies. Here is some daytime jamming on 7215 kc:



Its sounds like a raspy buzzing. DF bearings point south..

There hasn’t been any jamming on the CW portion of the band, everybody agrees with everybody else on morse code.

What to do?

* You could say things they want you to say. Perhaps you would receive a free amplifier?
* QSY
* Use an antenna with a radiation pattern null to the south such as two phased verticals providing cardoid pattern

**N8KH’s Tower Hole**

Our jester N8KH is putting up a tower. He is proud of the hole for the base, and the rebar, so here is a picture for everyone:



Don’t forget the concrete.

**Commercial Space Wants Our Bands**

Everybody want to use our megacycles. Here commercial space launches want them now. Don’t forget to file comments:

**A filing extension has been granted in the FCC space launch proceeding** The FCC Office of Engineering and Technology [has granted](https://docs.fcc.gov/public/attachments/DA-21-788A1.pdf) a 30-day extension for filing comments and reply comments on the *Further Notice of Proposed Rulemaking in the Non-Federal Space Launch, Federal Earth Stations, and Federal Space Station* proceedings ([ET Docket 13-115](https://www.federalregister.gov/documents/2021/06/28/2021-13685/allocation-of-spectrum-for-non-federal-space-launch-operations)). Comments will now be due by August 11, and reply comments will be due by September 9. As announced in June, the FCC is soliciting a second round of comments on whether to authorize commercial space entities to obtain licenses for frequencies used exclusively during space launch activities. The proposals include parts of the 70-centimeter (420 - 430 MHz) and 5-centimeter (5650 - 5925 MHz) bands.