

# The Ham Arundel News

Providing Fellowship and Community Service through Amateur Radio since 1951

April 2020

41<sup>st</sup> Year of Publication



Keith Miller, AE3D

## Prez Sez

One day there was a new virus in town, and the whole world changed. Meetings were cancelled, events postponed, people hung on the words of politicians and doctors, and everyone worried that the next person they touched might "have it". Those like myself, over 70 and with multiple health factors like asthma, high blood pressure and atrial-fibrillation were all wondering what their fate might be.

It's a couple weeks later now, and we're beginning to readjust to our new reality. And that reality is, we are the lucky ones! While others are home, alone, isolated, bored, worried, and unsure in general we have Amateur Radio. Remember the "When all else fails".....

Flip a switch and you have friends to talk to. You still have the world to explore on FT4 or FT8, and who knows what the incoming sunspot cycle will bring. You can talk to your fellow AARC members on a variety of repeaters. And while the Holly Net might be a little off as workers stay home, the Wednesday Night Nets just set an all time check-in record. Who else can just call "CQ Italy" and find out how the virus is progressing there. Nobody. So go do it. You have even more flexibility if you have an HT with a HotSpot.

Most of us have the Internet. If you want to upgrade, take an online course. Or check out YouTube, for a world's worth of old and new technologies. Teleworking?

Self quarantined? Use that commute time you now have free, to do a little research for your next ham radio project. You know this ain't all bad?

And just because you don't see your Board of Directors every few days, does not mean we are asleep at the wheel. We are trying to keep the club agenda moving forward. Field Day might still be on the calendar, whether in June, or pushed forward a month or two. We have to be ready. I know I haven't scrubbed plans to do antenna work at my place. As soon as my symptoms clear I'll be outside doing it. Meanwhile Board member Doug Ellmore has already rewired some new communications equipment into his sailboat, and Board Member Scott DeMatteo is putting his effort into creating a W3GTR YouTube Channel. You should check it out.

It looks like we will hit another first before this is over. It seems we have some spending Motions that needed voted on. So before the end of April we plan to

hold a Membership Meeting via teleconference. The idea is to remain safe, yet move forward as best we can. Progress may be slower but its still progress.

Speaking of slowing us down, I have a story to tell. I'm counting on you being stuck at home, with plenty of time to read it. In 2018 the AARC was offered the services of Doug Ellmore in creating a "W3VPR mailing list". Well over half our members signed up though it appears few had experience using mailing lists, myself included.

The idea was to spark some lively discussions on various club related topics. The way this list works, is that you first request to become a subscriber. The applicant is checked to ensure they are an AARC member, and then is granted a subscription.

Subscribers receive every single email sent to the mailing list by all other subscribers. They may choose to receive these as they come in, or in digest form which means several messages per email. Being unfamiliar with mailing lists, most AARC members opted to get them one at a time. Many will be sorry they did that.

If I send a message to this "W3VPR mailing list", it goes to everyone as expected. But if any of those people just hits reply to that message (like they do for every other email), the reply does not go to the sender, it goes back to the list, so all subscribers including the sender receive it. So you send a message that maybe 10 of 200 members are really interested in. Now add in all the replies that will go to everyone, and you will find members who quickly feel the mailing list is mostly sending gobs of junk mail, and they quickly unsubscribe.

At this point I discover that the AARC's ISP, Hostrocket, does indeed give the club access to the same mailing list program that Doug was using, "Mailman".

So I decide to set up a new "Members mailing list", perfect for announcing speakers, presentations, upcoming spending votes, scheduling or re-scheduling of meetings, and even the ByLaw required notice of the Annual Meeting. I set this up so that nobody could send messages but me. So all replies come to me, and I get to decide if everyone gets to see that message, or if the message was just for me.

Then I got my first unsubscribe request. Not wanting to kill the list's use for the Annual Meeting, I opted to move his name from the "Members mailing list" to and "Unsub-Members mailing list". That way I could still email both lists for the Annual Meeting notice. I thought for sure all the problems were solved.

Then COVID-19 happened. I had to send out lots of notices on canceled meetings and other changes. Almost immediately Hostrocket accused me of being a







## Scott's YouTube Channel

Scott DeMatteo (W3GTR) has started his own YouTubeChannel with info of interest to hams.

Click on the link below to see it.

[https://www.youtube.com/watch?v=e\\_6mX7QbTvY&feature=emb\\_title?](https://www.youtube.com/watch?v=e_6mX7QbTvY&feature=emb_title?)

## Repeater Feed on Website

There is now a live feed of the **147.105** repeater on the W3VPR website. It is hosted by [Broadcastify.com](http://Broadcastify.com), where it is also available.

The feed is currently being fed by KB3YMU using a [Uniden BCD436](http://Uniden_BCD436) scanner, an old Dell laptop running [Proscan](http://Proscan). The site is backed up with UPS and generator.

This is an informational feed due to the delay(90 seconds), this is just inherit in the network between the capture of the audio, transmission to the Broadcastify site and encoding time for internet broadcast.

It is not meant to use in conjunction with realtime communications, rather for when you are unable to receive the signal or for testing your rig, you are able to transmit and then wait to hear your transmission via broadcastify.

If you have any question you may contact [w3vpr@w3vpr.org](mailto:w3vpr@w3vpr.org)

Eddie, KB3YMU

## What is that signal I just heard?

### SIGNALWIKI

Here is a site that has cataloged various transmissions and attempts to identify them.

There are recording and waterfall signature that you can use to compare.

## AARC Clothing For Sale

On the "Members" menu, you will find "[Club Clothing](#)". If you wish to order just complete the page as instructed and push "Submit". Your order will be automatically forwarded to [Jim Goldsberry KB3NQY](#) who will place one master order for all merchandise ordered at some point this fall. The completed items will be delivered to Jim, after which he will bring them to club meetings for distribution and payment.

Keith, AE3D

## Henry Radio Los Angeles Founder Ted Henry, W6UOU, is 100!

Henry Radio Los Angeles founder Ted Henry, W6UOU, turned 100 years old on January 25. The fascinating Henry family history in amateur radio marketing and manufacturing dates back to the late 1920s.

The original Henry Radio shop, started by Ted's brother Bob Henry, W0ARA (SK), opened in 1927 in Butler, Missouri. It stayed in business until Bob died in 1985. Ted and another brother, Walt, later W6ZN, worked with Bob Henry during the early years and became fascinated with ham radio. After Ted moved to Los Angeles in 1941, he opened a small radio shop, which he operated while attending college at UCLA

with the intention of going into teaching. His shop survived the suspension of amateur radio during World War II by purchasing gear from hams and reselling it to MARS stations around the world, and by manufacturing crystals (in Butler and Los Angeles) for



Ted Henry, W6UOU, operating from American Samoa in 1957.

Hallicrafters' war production. The LA store grew quickly after the war, expanding to a new location where it operated for nearly 35 years, becoming a gathering spot for hams visiting from around the world.

Walt Henry opened a Henry Radio branch in Anaheim, California, in the 1960s, which closed in 1990, after his health declined.

In 1962, Ted Henry began manufacturing tube-type power amplifiers for the ham radio market, starting with the original Henry 2K. Many of the popular line of HF amplifiers remain in use today. The plant expanded into the industrial RF equipment sector. In the 1970s, the company developed its own line of solid-state amplifiers, which it still manufactures for various services.

Henry Radio also became the first Kenwood dealer in the US, marketed the Tempo line of ham gear, and is the oldest dealer for Bird RF test equipment. The current store on South Bundy Drive in Los Angeles opened in 1981.

Ted Henry retired from the business in 2005. -- *Thanks to Marty Woll, N6VI; Henry Radio*

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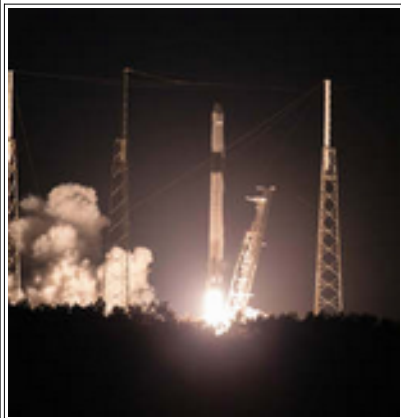
## Ham Intelligent Calculator

Want a FREE all purpose ham calculator:

<https://www.sweetscape.com/hamic/>

## ARISS Celebrates Successful Launch Carrying Interoperable Radio System to ISS

Amateur Radio on the International Space Station (ARISS) is celebrating the successful launch and docking of the SpaceX-20 commercial resupply mission to the International Space Station (ISS). One payload on the flight is the ARISS Interoperable Radio System (IORS), which ARISS calls "the foundational element of the ARISS next-generation radio system" on the space station. Amateur radio has been an integral component of ISS missions since 2000.



The *Dragon* cargo capsule docked successfully with the space station on March 9. ARISS-US Delegate for ARRL Rosalie White, K1STO, said hundreds of ARRL members contributed to make the IORS project happen, and ARISS is celebrating the 4-year-long project.

"ARISS is truly grateful to ARRL and AMSAT for their co-sponsorship and support of ARISS since day one," White said. "ARISS greatly appreciates the hundreds of ham radio operators who have stood by ARISS, sending financial support and encouragement. A robust ham station is on its way to replace the broken radio on the ISS, and tens of thousands of hams will enjoy strong ARISS packet and ARISS SSTV signals as a result. In addition, thousands of students will discover and use ham radio to talk with a ham-astronaut. We hope to see the trend continue where more ARISS teachers and local clubs set up school ham clubs." The new system includes a higher-power radio, an enhanced voice repeater, updated digital packet radio (APRS), and slow-scan television (SSTV) capabilities for both the US and Russian space station segments.

White called the March 7 launch, "beautiful, flawless." ARRL President Rick Roderick, K5UR, told ARISS that he had his fingers crossed for a successful launch.

According to NASA Mission Control, it will take the three ISS crew members up to a month to unload and stow the 4,300 pounds of cargo on board the *Dragon* capsule, and the IORS is not a priority.

The actual ham equipment will be installed in the ISS *Columbus* module.



Another IORS unit is in line to be launched and installed in the Russian segment of the ISS later this year.

The IORS consists of a custom-modified

JVCKenwood TM-D710GA transceiver, a multi-voltage power supply, and interconnecting cables. The ARISS hardware team will assemble four flight units -- and 10 IORS units in all -- to support onboard flight operations, training, operations planning, and hardware testing. Future upgrades and enhancements to the next-generation system are in various stages of design and development. These include a repaired Ham Video system -- currently planned for launch in mid-to-late 2020, an L-band (uplink) repeater, a microwave "Ham Communicator," and Lunar Gateway prototype experiment.

Used with permission The ARRL Letter for March 12, 2020

AA

## Paul McIntyre, KC5JAX

The president of the River City Amateur Radio Communications Society in California, Paul McIntyre, KC5JAX, was one of two individuals killed on



February 28 in a knife attack by a client at a recovery center.

McIntyre, a father of two, had been interning at the Wellness and Recovery Center in Carmichael as part of his training to become a social worker. He was 57. Two other victims survived the attack. McIntyre's club reported that he was a longtime mentor and volunteer, and he was passionate to help others learn and enjoy

amateur radio. He served for years as a club officer, on the Board of Directors, as net coordinator, and was a regular Field Day participant. "He's a wonderful, brave blind man who had no defense against what happened here," a Fox40 KTXL [news story](#) quoted his wife Barbara. She told the TV station that McIntyre interned at the wellness and recovery center 2 days a week. The family has set up a [GoFundMe page](#) to help with funeral costs. "When the screaming started, he ran towards the danger," Anissa Kolda said on the GoFundMe page she set up on behalf of Barbara McIntyre. "His act saved a life but cost him his own." -- *Thanks to ARRL Sacramento Valley Section Manager Carol Milazzo, KP4MD*

Used with permission The ARRL Letter for March 4, 2020

AA

## Net Control Radio Operators

ARE NEEDED for the HOLLY NET

during the work-weekdays -

from 0700 to 0900 am.

Contact: Jim Wallace, N3ADF

## AARC STAFF – 2020 Officers

<b>President</b>	Keith Miller / AE3D president@w3vpr.org	240 758 0423
<b>Vice President</b>	Jim Wallace, (N3ADF) vice.president@w3vpr.org	
<b>Secretary</b>	Bernie Coletta / NK3PS secretary@w3vpr.org	
<b>Treasurer</b>	Will Mooney / KA3UQQ treasurer@w3vpr.org	
<b>Director A</b>	Eric Berman / KC3GDV eric.board20@w3vpr.org	
<b>Director B</b>	Doug Ellmore, (NA1DX) doug.board20@w3vpr.org	
<b>Director C</b>	Scott DeMatteo, (W3GTR) scott.board_20@w3vpr.org	

## Support Staff

<b>Membership Secretary</b>	Lambert Matias / KK3WOW	
<b>Information Officer</b>	Ed Santilli / KB3YMU info.officer@w3vpr.org	
<b>Safety</b>	John Bowes / KB3YLY safety@w3vpr.org	443 760 1600
<b>Security</b>	Tom Provenza / N3HLD security@w3vpr.org	

## Representatives

<b>ARES/RACES</b>	John Bowes / KB3YLY ares.races@w3vpr.org	
<b>DFRC Rep</b>	Milford Craig / N3WYG dfrc.rep@w3vpr.org	301 218 8867
<b>Fox Hunt</b>	Jim Wallace / N3ADF fox.hunt@w3vpr.org	
<b>Joint 440 Comm</b>	Gordon Davids / WJ3K joint440@w3vpr.org	410 647 2958
<b>MD Slow Net</b>	(T B A)	
<b>MDC Section Manager</b>	Marty Pittinger / KB3MXM arrl.sec.mgr@w3vpr.org	
<b>Public Relations</b>	Ed Santilli / KB3YMU pr@w3vpr.org	301 261 7561
<b>Resident Agent</b>	Justin Leishman / KC3BJT ra@w3vpr.org	
<b>Trustee</b>	Dick Mayo / WW3R trustee@w3vpr.org	

## Committees

<b>APRS</b>	Jon Graefe / AE3JG aprs@w3vpr.org
<b>Beverage Supply</b>	Jim Myrick / W3JLM beverage@w3vpr.org
<b>Club Sale &amp; Auction</b>	Ike Lawton / W3IKE club.sale@w3vpr.org
<b>Club Picnic</b>	Jim Myrick / W3JLM picnic@w3vpr.org
<b>Digital Networking</b>	Ted Ruddy / KC3LMV net.leader@w3vpr.org
<b>Facilities</b>	Eric Berman / KC3GDV facilities@w3vpr.org
<b>Field Day</b>	Brian Mary / K3HMX field.day@w3vpr.org

<b>Station Manager</b>	(TBD) station.manager@w3vpr.org	
<b>Holly Net</b>	Jim Wallace / N3ADF holly.net@w3vpr.org	
<b>HAMM-MESH</b>	(TBD) hmm.mesh@w3vpr.ORG	
<b>Kit building</b>	'Raven' Weiland / KB3MUV kit@w3vpr.org	203 948 5369
<b>MDC QSO Party</b>	Jim Wallace / N3ADF mdqsop@w3vpr.org	301 538 6233
<b>Newsletter</b>	Milford Craig / N3WYG newsletter@w3vpr.org	301 218 8867
<b>Photography</b>	Ed Santilli / KB3YMU photo@w3vpr	
<b>Presentation</b>	Jim Wallace / N3ADF presentation@w3vpr.org	
<b>Public Service</b>	Erick Graves / WA3G public.service@w3vpr.org	410 987 7670
<b>Repeater Ops</b>	John Williams / K8JW repeater@w3vpr.org	410 647 7406
<b>Rules</b>	Chuch Tanner / K3ACT rules.chair@w3vpr.org	301 464 2667
<b>Service Hours</b>	Jim Wallace / N3ADF service.hours@w3vpr.org	301 538 6233
<b>Tower</b>	(TBD) tower@w3vpr.org	
<b>Training</b>	Keith Miller / AE3D learn@w3vpr.org	240 758 0423
<b>VE Team</b>	David Rawley / N3AT ve.team.leader@w3vpr.org	
<b>Video</b>	Ed Santilli / KB3YMU video@w3vpr.org	
<b>Webmaster</b>	Mark Bova / W2PAW webmaster@w3vpr.org	240 274 6294
<b>Wed. Nite Net</b>	Mike Waterson / K3MAW wodncsday.night.net@w3vpr.org	
<b>Winter Field Day</b>	Rick Steer / AB3XJ winter.field.day@w3vpr.org	
<b>Workshop</b>	(TBD) workshop@w3vpr.org	

## Groups

<b>Board of Directors</b>	board20@w3vpr.org
<b>Kit Building Committee</b>	kitbuilding@w3vpr.org
<b>Rules Committee</b>	rules@w3vpr.org



## VE Testing Schedule

**Second Saturday of each month**  
– Noon – AARC –  
David Rawley, N3AT  
testing@w3vpr.org

**Third Saturday of each month** 9 AM – Laurel ARC –  
John Creel, 301-572-5124

**Fourth Tuesday of each month** – 6PM – MMBPC –  
Mike Montrose, 920-443-310-4907 web site is  
[tinyurl.com/va1andnobileers](http://tinyurl.com/va1andnobileers)

To all persons bringing:

• **Structure ID**  
• **Social Security Number** or **FCC Registration Number (RRN)**

• **ORIGINAL** and a **COPY** of current FCC amateur radio license **ORIGINAL** and a **COPY** of all element credits (eg., FCC letters, old licenses or unexpired Certificates of Successful Completion of Examination-CSCE)















# MDC SECTION TRAFFIC MANAGER'S REPORT

## MDC 202002 STM REPORTS

=====  
QST MDC 2002 STN PSHR = >70 TOTAL  
CALL PSHR  
KK3F 140  
W3YVQ 135  
AA3SB 100  
WB3FTQ 100  
AB3WG 92  
N3JET 87  
K3IN 70

=====  
QST MDC 2002 STN BPL: KK3F 2002 SAR  
13/252/252/0/517

=====  
MDC NETS 2002:

MEPN/C2, MARYLAND EMERGENCY PHONE NET,  
3820/1800L-DY  
Liaisons: 3RN2/MDD/DTN/BTN/WVA/NTSD/WL2K MEPN  
2002 W3YVQ QND/29 QNI/339 QTC/33 MINS/549

BTN/C4, BALTIMORE TRAFFIC NET, 145.33/1830L-DY  
Liaisons: MEPN/MDD/NTSD/WL2K  
BTN 2002 AB3WG QND/29 QNI/299 QTC/45 MINS/522

MDD/C4, MARYLAND/DC/DELAWARE NET, 3557/1900L-  
2200L-DY  
Liaisons: 3RN4/MEPN/BTN/DTN/NTSD/WL2K  
MDD 2002 AA3SB QND/56 QNI/252 QTC/84 MINS/476

MSN, MARYLAND SLOW NET, 3563/1930L-DY  
TRAINING,  
Liaisons: MDD  
MSN 2002 N3AEA QND/28 QNI/119 QTC/11 MINS/515

=====  
MDC 2002 PSHRS FILED (Zero entries omitted.):  
CALL DATE PSHR  
KK3F 2002 PSHR 1/40 2/40 3/30 4/30 TOTAL 140  
W3YVQ 2002 PSHR 1/40 2/40 3/30 4/25 TOTAL 135  
AA3SB 2002 PSHR 1/40 2/40 3/20 TOTAL 100 WB3FTQ  
2002 PSHR 1/40 2/40 3/20 TOTAL 100 AB3WG 2002  
PSHR 1/32 2/40 3/20 TOTAL 92 N3JET 2002 PSHR 1/27  
2/40 3/20 TOTAL 87 K3IN 2002 PSHR 1/40 2/40 3/30  
TOTAL 70

=====  
MDC 2002 SARRS FILED:  
CALL DATE SAR ORIG/RCVD/SENT/DLVD/TOTAL  
KK3F 2002 SAR 13/252/252/0/517  
K3IN 2002 SAR 0/125/118/4/247  
W3YVQ 2002 SAR 0/36/56/0/92  
AA3SB 2002 SAR 2/60/16/2/80  
WB3FTQ 2002 SAR 0/28/15/6/49  
N3JET 2002 SAR 0/26/23/0/49  
AB3WG 2002 SAR 0/25/20/3/48

=====  
FOR THE MDC WEB SITE 2002

MDC NTS NETS:  
MEPN 2002 W3YVQ QND/29 QNI/339 QTC/33 MINS/549  
BTN 2002 AB3WG QND/29 QNI/299 QTC/45 MINS/522  
MDD 2002 AA3SB QND/56 QNI/252 QTC/84 MINS/476  
MSN 2002 N3AEA QND/28 QNI/119 QTC/11 MINS/515  
PSHR: KK3F 140, W3YVQ 135, AA3SB 100, WB3FTQ  
100, AB3WG 92, N3JET 87, K3IN 70;  
TFC: KK3F 517, K3IN 247, W3YVQ 92, AA3SB 80,  
WB3FTQ 49, N3JET 49, AB3WG 48

=====  
HF PROPAGATION

**MEPN: TIME CHANGE** - On MAR 8, the net moved to the  
summer schedule; 1730L pre-net, 1800L formal call.

The net NVIS propagation was functional in February,  
2020, with good signals most evenings. Due to the low  
solar activity, the afternoon propagation suffered with less  
effective NVIS propagation during the pre-net. The MEPN  
DTS stations continue to provide liaison with the national  
digital messaging services including DTN and Winlink.

MDD: February NVIS propagation for local MDC stations  
on MDD early was fair to good on nights when the MUF  
was above net frequency (fxi). When the MUF dropped  
below 3.557MHz, the NVIS prop failed totally unless some  
residual E-layer provided some help. If the MUF remained  
that low without E-layer help, both early and late MDD and  
the 3RN/C4 nets failed. The MUF sometimes recovered  
for the Region nets and MDD late, but March is likely to  
see more failed nets, both early and late, without help  
from the sun. That help is coming due to the increasing  
sun angle as spring approaches.

John, WB3GXW-L, continues to make that EchoLink  
resource available for MDD use on nights when  
propagation fails. 160m may need to be used as winter  
progresses. Check out your antennas. Outbound traffic to  
3RN may be handled by DTS representatives as needed  
for posting on the Digital Traffic Net (DTN) when prop  
permits. DTN stations operate 24/7 so traffic will flow  
across the country as prop permits, day or night.

## CW OPERATORS NEEDED

Additional CW operators are needed for liaison from  
MEPN and BTN to MDD and to the higher nets, and Net  
Control Stations are also needed on MDD and 3RN/C4.  
The evening NTS and RRI nets in Cycle 4 nation-wide are  
conducted on CW.

## MEPN/BTN/MDD/3RN ECHOLINK

MEPN representatives check for EchoLink check-ins  
starting at net call daily via the WB3GXW-L link node (or  
\*WASH\_DC\* conference node backup if the -L node is not  
available). The conference bridge is available for MEPN,

MDD, BTN, MSN, and 3RN stations during periods of failed propagation.

**MSN CW TRAINING**

The MSN net continues to operate and serve nightly at 1930L on 3563 kHz. Ron, N3AEA, has stepped up to fill the Net Manager's role. Thanks, Ron. Show your support by checking in even if you do not take training. MSN needs NCS stations and liaison stations to early and late MDD. Ron could use your help.

**BTN LOCAL NTS TRAFFIC AND TRAINING NET**

The BTN continues to meet on 145.33/R (no tone) daily at 6:30PM local time. The BTN was established to provide a welcoming place for newcomers to the Amateur Service, and their first exposure to directed traffic nets and message handling. The NM, AB3WG, has initiated plans for broader cooperation between BTN and MSN to foster more awareness between operators using the respective modes. Instructive message swapping and liaison duties are in effect. A new cooperative effort has been launched between ANAR ARES(r) and the BTN as well.

Thanks to all the Section's traffic net NCS stations, RRI/DTN and WL2K stations, liaisons, and traffic handlers for the continuing effort to keep the nets running and traffic moving.

Thank you for your continued support of MDC integrated ARES(r), RRI, and NTS operations.

A very happy and healthy New Year to all.

73, W3YVQ, MDC ASM, STM  
w3yvq@arrl.net  
w3yvq@winlink.org from WL2K

Used with permission MDC Section News March 18, 2020

**Georgia Institute of Technology  
CubeSat to Feature Amateur Radio  
Robot Operation**

The Glenn Lightsey Research Group's Space Systems Design Lab at the Georgia Institute of Technology is sponsoring a 1U CubeSat mission that will include a digital robot. The primary function of the GT-1 satellite is to serve as an educational proof of concept and satellite bus demonstrator.



Georgia Tech will use this mission as an opportunity for undergraduates to get involved in all facets of a space mission, from design to implementation and support. GT-1 will test a prototype

deployable antenna and solar panels, which can be used for future missions derived from the same baseline design, and with inclusion of additional experimental equipment. It will operate with AX.25 protocol telemetry. In partnership with the W4AQL Georgia Tech Amateur Radio Club, the satellite will also host a digital contact robot payload, inspired by the earlier Russian RS-12 and RS-13 satellites of the early 1990s. GT-1 will collect contact information from stations that contact the robot as it orbits.

The satellite will also function as a standard digipeater. Plans call for a deployment from the International Space Station in October. -- *Thanks to AMSAT News Service.*

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**Red Cross-affiliated Radio Amateurs**

**Red Cross-affiliated radio amateurs from many states and Puerto Rico are planning a nationwide Red Cross emergency communications drill for May 30.**



American Red Cross

The drill will consist of two parts. Part A will be a local optional drill held on VHF for participants to practice passing voice traffic with relay stations set up in local EOCs or via mobile stations parked strategically between Red Cross HQ and suburban shelters. Part B will be national in scope, with hams passing Red Cross forms using the ARC Message Utility technique on *Winlink* RF. Messages will be marked "DRILL" and will be sent to the Red Cross Safe & Well HQ in New York City as a clearinghouse. For further information, or to express interest in participating, contact [Wayne Robertson, K4WK](#). -- *Thanks to The ARES E-Newsletter.*

Used with permission The ARRL Letter for March 19, 2020

**IARU Region 2 Emergency  
Communication and Satellite  
Workshops**

**IARU Region 2 Emergency Communication and Satellite workshops will be held online.** With travel restrictions and self-isolation requirements in many countries due to COVID-19, the May 30 and 31 International Amateur Radio Union Region 2 (IARU R2) [Emergency Communication and Satellite workshops](#) will be online. The new format will be 3 hours for each workshop and will be held on the same dates starting at 1800 UTC. Access will be via Zoom, an easy-to-use online conference tool available for several platforms. Attendees will get an agenda for each workshop and information on how to participate in mid-May. -- *Thanks to George Gorsline, VE3YV, IARU Region 2 Secretary*



Used with permission The ARRL Letter for March 19, 2020







## AARC Repeaters and Nets

### 2 Meter Repeaters

Location	Frequency	Tone	Notes
Davidsonville	147.105+	107.2	AARC Repeater with morning traffic net.
Glen Burnie	147.075+	107.2	AARC repeater Located in Northern AA County.
BrandyWine	147.150+	114.8	SMARC Repeater.
Prince Frederick	145.350-	156.7	SPARC/CARC Repeater.
Laurel	147.225+	156.7	Laurel ARC Repeater.
Millersville	146.805-	107.2	Repeater.

### 1.25 Meter Repeaters

Location	Frequency	Tone	Notes
Davidsonville	223.880-	107.2	AARC 1.25M repeater *check to see if tied into 7.105...
Millersville	224.560-	107.2	AARC repeater Located in Northern AA County.

### 70cm Repeaters

Location	Frequency	Tone	Notes
Davidsonville	444.400+	107.2	AARC 70 cm Repeater.
Annapolis	442.300+	107.2	AARC 70 cm repeater
Laurel	442.500+	156.7	Laurel ARC 70 cm Repeater.
Millersville	449.125-	107.2	<u>Maryland</u> Mobileers Repeater.
Upper Marlboro	443.600+	103.5	SMARC 70 cm Repeater.

### Packet Stations

Location	Frequency	Call	Notes
Davidsonville	145.050	W3VPR	AARC Club packet node running JNOS
Davidsonville	145.010	W3VPR-5	Digipeter Relay to EOC Winlink
Millersville	145.010	W3AAC-5	Digipeter Relay to EOC Winlink
Glen Burnie	145.010	W3AAC-10	EOC Winlink system and digipeter

### Amateur Radio NETS

Name	Frequency (in Mhz)	Day	Time
The "Holly Net"	147.105+ PL 107.2	Weekdays	0700
AARC Talk Net	147.105+ PL 107.2	Wednesday	2000
AA County ARES Net	146.805- PL 107.2	Sunday	2000
Baltimore Traffic Net	146.670-	Daily	1830
Boating Net	146.805- PL 107.2	Wednesday	1930
Maryland Emergency Phone Net	3.920	Daily	1800
Maryland-DC-Delaware Traffic Net	3.643	Daily	1900 and 2200
Maryland Slow Net	3.563	Daily	1930
React Net	442.300+ PL 107.2	1st Sunday	1930

*We use **simplex 146.430 Mhz** frequently enough that you should probably program that into your HT or mobile. This is the go-to frequency for many 5K race/walk volunteering efforts, local communication, Field Day setup, and the like when we're not using a repeater.*

## REPEATER FREQUENCIES

<b>Davidsonville</b>	<b>Millersville</b>	<b>Glen Burnie</b>	<b>Annapolis</b>
<b>147.105+</b>		<b>147.075+</b>	
<b>223.880-</b>	<b>224.560-</b>		
<b>444.400+</b>			<b>442.300+</b>

### PL: 107.2 for all repeaters

The 147.105 and 147.075 repeaters are frequently linked. Please leave an extra second after the courtesy beep to allow the link to reset as well.

*Visitors are welcome to all meetings and nets.*

*Meetings are held in the Clubhouse at the  
Davidsonville Family Recreation Center,  
Queen Anne Bridge and Wayson Roads off  
MD Route 214 near Davidsonville, MD.*

*For en-route directions, make initial contact on the 147.105 repeater.*

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## Wednesday Night Talk Net -- All are welcome

8PM, On the AARC Repeater 147.105

### Other Amateur Radio nets

Name	Frequency	Day	Time
The "Holly Net"	147.105+Mhz PL 107.2	Weekdays	0700
AA County ARES Net	146.805- Mhz PL 107.2	Sunday	2000
Baltimore Traffic Net	146.670- Mhz	Daily	1830
Maryland Emergency Phone Net	3.820Mhz	Daily	1800
MD-DC-DE Traffic Net	3.557Mhz	Daily	1900 and 2200
Maryland Mobileers Net	146.805 PL107.2	Monday	1930
Maryland Slow Net	3.563 MHz	Daily	1930
REACT Net	442.300+Mhz PL 107.2	1st Sunday	1930

# The Radio Amateur Operator is...

## **CONSIDERATE**

...He/[She] never knowingly operates in such a way as to lessen the pleasure of others.

## **LOYAL**

...He/[She] offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his/[her] country, through which Amateur Radio in his/[her] country is represented nationally and internationally.

## **PROGRESSIVE**

...He/[She] keeps his/[her] station up to date. It is well-built and efficient. His/[Her] operating practice is above reproach.

## **FRIENDLY**

...He/[She] operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

## **BALANCED**

...Radio is a hobby, never interfering with duties owed to family, job, school or community.

## **PATRIOTIC**

...His/[Her] station and skills are always ready for service to country and community.