



# THE AERO AERIAL

## THE NEWSLETTER OF THE AERO AMATEUR RADIO CLUB

**1 Ham News**

**2 Events**

**3 SKYWARN/  
ARES/RACES**

**3 Field Day Pics**

**8 Training**

**9 VE Corner**

**10 Contest Corral**

**11 Nets**

**12 From the Skies  
Over Mt. Essex**

**13 About the Club**

## Meetings

JULY 16



2008 Andrews AFB Air Show

## Ham News

### Silent Key: George White Jr., AA3GG

From Rob, AE3B

George was a member of the Aero ARC and passed away on Wednesday, June 4. Funeral services were held at Oak Crest Chapel in Parkville, Maryland on June 23.



## Field Day Highlights

From Harry Rundall, AC3EK

See pages 3-7 for photos from the June 26-27 weekend event!

## Events

### Firecracker Hamfest

**Date:** 7/5/2025

**Location:** Harrisburg, PA

**Sponsor:** Harrisburg Radio Amateurs Club

**Website:** <https://w3uu.org/>

### SVARC Berryville Hamfest

**Date:** 8/3/2025

**Location:** Berryville, VA

**Sponsor:** Shenandoah Valley Amateur Radio Club

**Website:** <https://berryvillehamfest.com/>

### Valley Forge Hamfest

**Date:** 8/10/2025

**Location:** Phoenixville, PA

**Sponsor:** Mid-Atlantic Amateur Radio Club

**Website:** <https://www.marc-radio.org/hamfest2.htm>

### Southern NJ Conference and HamFest

**Date:** 9/7/2025

**Location:** Mullica Hill, NJ

**Sponsor:** Gloucester County Amateur Radio Club

**Website:** <http://HamFest.W2MMD.org>

## More Ham News

### DXing Worldwide

**From Harry Rundall, AC3EK**

It's a new month of DXing Worldwide. [Read more](#)

### Local, County, and State Governments Proclaim Value of Amateur Radio

**From ARRL**

See the many official documents that show the great value amateur radio is to communities around the nation. [View the Photo Gallery](#)

### Toilets on the Air (TOA)

**From QRPer**

Toilets on the Air (TOA) is an exciting new contest for licensed radio amateurs during the HOPE\_16 Conference in New York City. August 15-17, some hams will compete to "Work All Toilets." [Read more](#)

### The Importance of Internet-Connected Systems for Amateur Radio Community and Connections

**From The Random Wire**

Boiled down to its essential bits, amateur radio is about the technology of communication, the styles of communication, and community. [Read more](#)

### Armstrong Broadcast Returns to New Jersey in June

**From Radio World**

On June 19, a commemorative broadcast at the historic Alpine Tower in Alpine, N.J., honored the man who made FM radio possible, Edwin Armstrong. [Read more](#)

# Field Day 2025

## June 28-29, 2025

Special thanks to Harry Rundall, AC3EK, for all the great photos!

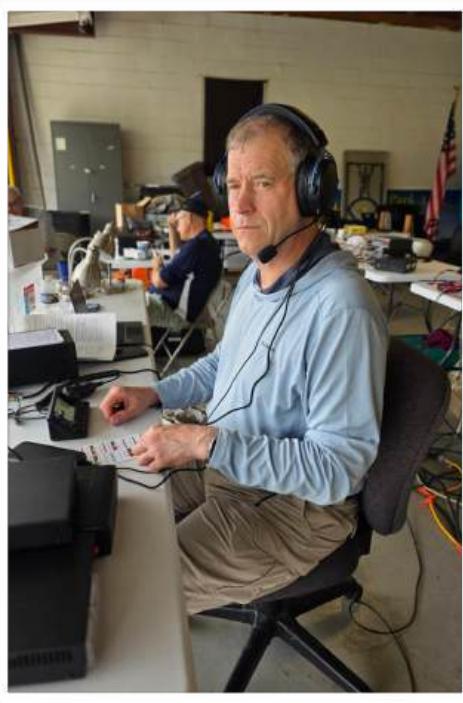
Check out the club website for more photos coming soon.





Aero Amateur Radio Club  
ESSEX SKYPARK







## More Events

### Red Rose Repeater Association Hamfest

**Date:** 10/4/2025

**Location:** New Holland, PA

**Sponsor:** Red Rose Repeater Association Hamfest

**Website:** [w3rrr.org](http://w3rrr.org)

### CARA Fest 2025

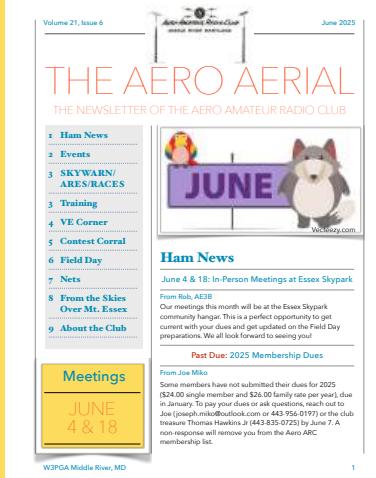
**Date:** 10/5/2025

**Location:** West Friendship, MD

**Sponsor:** Columbia ARC

**Website:** [www.carafest.org](http://www.carafest.org)

In case you missed it,



check out the June issue.

## SKYWARN, ARES, RACES

SKYWARN® is a national network of volunteer severe weather spotters. The spotters are trained by local National Weather Service Forecast Offices on how to spot severe thunderstorms, tornadoes, hail and flooding. In some parts of the country, spotters also report snowfall and ice accumulation.

To learn more about SKYWARN® and how to become a spotter, [click here](#).

Harford County ARES/RACES Group meets at the Harford County Emergency Operations Center in Forest Hill, MD, the first Thursday of each month, 7:00-9:00 p.m. Let them know in advance if you would like to attend, via email to Steven Fook (K2EJ), Harford County Emergency Coordinator.

To learn more about Amateur Radio Emergency Service (ARES) and Radio Amateur Civil Emergency Service (RACES), [click here](#).

## Training

### SKYWARN® Advanced Tropical Class

August 2, 2025, 10:00 a.m.-12:00 p.m., Prince George's County Office of Emergency Management, 7914 Anchor Street, Hyattsville, MD 20785

### SKYWARN® Advanced Severe Class

August 20, 2025, 7:00-9:00 p.m., Carroll County Public Safety Training Center, 50 Kate Wagner Rd, Westminster, MD 21157



## Radio License Exams

The Aero Amateur Radio Club sponsors Amateur Radio License Exams with the ARRL VEC. Examination sessions are currently suspended until a new exam site is secured.

## W3PGA Exam Location

To be determined

## Contact

Patricia Stone, AC3F  
 email: [ac3f@juno.com](mailto:ac3f@juno.com)  
 landline: 410-687-7209



## VE Corner

*Pat Stone, AC3F*

Sessions have been suspended until we are able to locate a new exam site.

## Other Maryland Test Sites

7/12/25, 2:30 pm: Catonsville, walk-ins allowed

7/19/25, 9:00 am: Laurel, walk-ins allowed

8/5/25, 5:45 pm: Severna Park, register or call ahead

8/16/25, 2:30 pm: Catonsville, walk-ins allowed

8/16/25, 9:00 am: Laurel, walk-ins allowed

8/23/25, 8:45 am: Forest Hill, walk-ins allowed

9/2/25, 5:45 pm: Severna Park, register or call ahead

9/6/25, 2:30 pm: Catonsville, walk-ins allowed

## Exam Overview

### LEVEL 1: Technician Class License

- Exam Requirement: 35-question Technician Written Exam (Element 2).
- Privileges: All VHF/UHF Amateur bands (frequencies above 30 MHz). Limited operations in certain HF bands.

### LEVEL 2: General Class License

- Exam Requirements: 35-question General written exam (Element 3).
- License Privileges: All VHF/UHF Amateur bands and most HF privileges (10 through 160 meters).

### LEVEL 3: Extra Class License

- Exam Requirement: 50-question Extra written exam (Element 4).
- License Privileges: All Amateur band privileges.

## Contest Corral

## July 2025

Check for updates and a downloadable PDF version online at [www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar).

Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

Start - Finish Date-Time		Bands	Contest Name	Mode	Exchange	Sponsor's Website		
1	0000	1	2359	1.8-28,50,144	RAC Canada Day Contest	CW Ph	RS(T), VE prov/terr or serial	<a href="http://www.rac.ca">www.rac.ca</a>
1	0100	1	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM-YL-youth YL-youth)	<a href="http://www.sac.com/rules.html">www.sac.com/rules.html</a>
1	0300	1	0400	1.8-28	QCX Challenge	CW	RST, name, SPC, rig type	<a href="http://www.qrp-labs.com">www.qrp-labs.com</a>
1	0300	1	0400	1.8-28	ICWC Medium Speed Test	CW	Name, serial	<a href="http://internationalcw council.org/mst-contest">internationalcw council.org/mst-contest</a>
2	1700	2	2100	144	VHF-UHF FT8 Activity Contest	Dig	4-char grid	<a href="http://www.ft8activity.eu">www.ft8activity.eu</a>
3	0000	4	0300	7	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; 13 WPM max	<a href="http://qrpcontest.com/pigwalk40">qrpcontest.com/pigwalk40</a>
3	1800	3	2200	28	NRAU 10m Activity Contest	CW Ph Dig	RS(T), 6-char grid	<a href="http://nrau.net">nrau.net</a>
3	1900	3	2100	1.8-28,50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
4	0100	4	0130	1.8-28,50	NCCC FT4 Sprint	Dig	4-char grid	<a href="http://www.nccsprint.com/ft4ns.html">www.nccsprint.com/ft4ns.html</a>
5	0000	5	2359	1.8-28	Venezuelan Independence Day Contest	CW Ph Dig	RS(T), serial	<a href="http://radioclubvenezolano.org">radioclubvenezolano.org</a>
5	0000	5	2359	1.8-28,50	FOC Old School Classic 1960s QSO Party	CW	Actual RST, 3-letter class, year first licensed, name	<a href="http://www.g4foc.org">www.g4foc.org</a>
5	0800	6	1100	3.5	NZART Memorial Contest	CW Ph	RS(T), serial	<a href="http://www.nzart.org.nz">www.nzart.org.nz</a>
5	1200	6	1200	50,144	CQ Worldwide VHF SSB/CW Contest	CW Ph	4-char grid	<a href="http://www.cqww-vhf.com">www.cqww-vhf.com</a>
5	1200	6	1200	50,144,432	TA VHF/UHF Contest	CW Ph	RS(T), serial, 6-char grid	<a href="http://trac.org.tr">trac.org.tr</a>
5	1400	6	1400	1.8-28	Marconi Memorial HF Contest	CW	RS(T), serial	<a href="http://www.arifano.it">www.arifano.it</a>
5	1500	6	1500	3.5-14	Original QRP Contest	CW Ph	RST + serial + "/" + pwr category	<a href="http://www.qrpcc.de">www.qrpcc.de</a>
5	2000	6	2000	7	PODXS 070 Club 40m Firecracker Sprint	Dig	RST, SPC	<a href="http://www.podxs070.com">www.podxs070.com</a>
7	1630	7	1729	3.5,7	OK1WC Memorial (MWC)	CW	RST, serial	<a href="http://memorial-ok1wc.cz">memorial-ok1wc.cz</a>
7	1900	7	2030	3.5	RSGB 80m Club Championship, CW	CW	RS(T), serial	<a href="http://www.rsgbcc.org">www.rsgbcc.org</a>
8	0000	8	0200	3.5-28	ARS Spartan Sprint	CW	RST, SPC, pwr	<a href="http://ars-qrp.com">ars-qrp.com</a>
8	0100	8	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM-YL-youth YL-youth)	<a href="http://www.sac.com/rules.html">www.sac.com/rules.html</a>
8	1800	8	1929	3.5,7	DARC RTTY Sprint	Dig	RST, (DOK"NM") or serial	<a href="http://www.darc.de">www.darc.de</a>
9	1145	9	1300	1.8-28	A1Club AWT	CW	RST, name	<a href="http://a1club.org/contest/awt">a1club.org/contest/awt</a>
9	1700	9	2100	432	VHF-UHF FT8 Activity Contest	Dig	4-char grid	<a href="http://www.ft8activity.eu">www.ft8activity.eu</a>
12	1200	13	1200	1.8-28	IARU HF World Championship	CW Ph	RS(T), IARU HQ soc or ITU zone	<a href="http://www.arrl.org/iaru-hf-world-championship">www.arrl.org/iaru-hf-world-championship</a>
12	1200	13	2359	1.8-28,50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
13	2000	13	2300	1.8-28	QRP ARCI Summer Homebrew Sprint	CW	RST, SPC, mbr or pwr	<a href="http://qrparci.org">qrparci.org</a>
14	0000	14	0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or pwr	<a href="http://www.4sqrp.com">www.4sqrp.com</a>
15	0100	15	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM-YL-youth YL-youth)	<a href="http://www.sac.com/rules.html">www.sac.com/rules.html</a>
16	1700	16	2100	1.2G	VHF-UHF FT8 Activity Contest	Dig	4-char grid	<a href="http://www.ft8activity.eu">www.ft8activity.eu</a>
16	1900	16	2030	3.5	RSGB 80m Club Championship, SSB	Ph	RS + serial	<a href="http://www.rsgbcc.org">www.rsgbcc.org</a>
17	0000	18	0300	14	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; 13 WPM max	<a href="http://qrpcontest.com/pigwalk20">qrpcontest.com/pigwalk20</a>
17	0030	17	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, (NAQCC No./pwr)	<a href="http://naqcc.info/sprint_rules.html">naqcc.info/sprint_rules.html</a>
17	1900	17	2000	3.5-14	NTC QSO Party	CW	RST, SPC, mbr or pwr	<a href="http://pi4ntc.nl/ntcqp">pi4ntc.nl/ntcqp</a>
18	0145	18	0215	3.5-28	Weekly RTTY Test	Dig	Name, SPC	<a href="http://radiosport.world/wrt.html">radiosport.world/wrt.html</a>
19	0000	20	2359	1.8-28	LABRE DX Contest	CW Ph	RS(T), 2-ltr state or 2-ltr continent	<a href="http://www.labre.org.br">www.labre.org.br</a>
19	0700	19	1459	7,14,21,28	Russian Radio Team Championship	CW Ph	RS(T), mbr code or ITU zone	<a href="http://srr.ru">srr.ru</a>
19	0800	19	1400	1.8-7	Trans-Tasman Low-Bands Challenge	CW Ph Dig	RS(T), serial	<a href="http://www.wia.org.au">www.wia.org.au</a>
19	1000	19	2159	3.5-28	YOTA Contest	CW Ph	RS(T), age	<a href="http://yotacontest.mrasz.org">yotacontest.mrasz.org</a>
19	1200	19	1359	1.8-28,50	Feld Hell Sprint	Dig	RST, mbr, SPC, 4-char grid	<a href="http://sites.google.com/site/feldhellclub">sites.google.com/site/feldhellclub</a>
19	1200	20	1200	50,144	CQ Worldwide VHF Digital Contest	Dig	4-char grid	<a href="http://www.cqww-vhf.com">www.cqww-vhf.com</a>
19	1400	20	1400	70	IARU Region 1 70 MHz Contest	CW Ph	RS(T), serial, 6-char grid	<a href="http://www.iaru-r1.org">www.iaru-r1.org</a>
19	1800	20	0559	3.5-28	North American QSO Party, RTTY	Dig	Name, SPC	<a href="http://www.ncjweb.com">www.ncjweb.com</a>
20	0900	20	1600	3.5-14	RSGB International Low Power Contest	CW	RST, serial, pwr	<a href="http://www.rsgbcc.org">www.rsgbcc.org</a>
20	2300	21	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or pwr	<a href="http://qrpcontest.com/pigrun">qrpcontest.com/pigrun</a>
22	0100	22	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM-YL-youth YL-youth)	<a href="http://www.sac.com/rules.html">www.sac.com/rules.html</a>
23	0000	23	0200	1.8-28,50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
24	1900	24	2030	3.5	RSGB 80m Club Championship, Data	Dig	RST(T), serial	<a href="http://www.rsgbcc.org">www.rsgbcc.org</a>
26	0000	27	2359	1.8-28,50,144	MARAC US Counties QSO Party	CW Ph Dig	RS(T), state and county or "DX"	<a href="http://www.marac.org">www.marac.org</a>
26	0000	27	2359	28	FRAPR 10M Contest	CW Ph	RS(T), pwr	<a href="http://www.frapr.org">www.frapr.org</a>
26	1200	27	1200	3.5-28	RSGB IOTA Contest	CW Ph	RS(T), serial, IOTA no.	<a href="http://www.rsgbcc.org">www.rsgbcc.org</a>
26	1200	27	1200	50	ARAM 50 MHz Contest	CW Ph	RS(T), serial, 6-char grid	<a href="http://www.aram.pt">www.aram.pt</a>
26	1500	27	0300	3.5-28	Alabama QSO Party	CW Ph	RS(T), AL county or SPC	<a href="http://alabamacontestgroup.org">alabamacontestgroup.org</a>
27	1700	27	2100	7,14,21,28	ARS Flight of the Bumblebees	CW	RST, SPC, pwr, or Bumblebee number	<a href="http://ars-qrp.com">ars-qrp.com</a>
28	1900	28	2100	3.5-28	RSGB FT4 Contest	Dig	Signal report	<a href="http://www.rsgbcc.org">www.rsgbcc.org</a>
29	0100	29	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM-YL-youth YL-youth)	<a href="http://www.sac.com/rules.html">www.sac.com/rules.html</a>

There are a number of weekly contests not included in the table above. For more info, visit: [www.qrpfoxhunt.org](http://www.qrpfoxhunt.org), [www.nccsprint.com](http://www.nccsprint.com), and [www.cwops.org](http://www.cwops.org). All dates and times refer to UTC and may be different from calendar dates in North America. Contests are not conducted on the 60-, 30-, 17-, or 12-meter bands. Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity. XE = Mexican state. Listings in blue indicate contests sponsored by ARRL or NCJ. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. *Data for Contest Corral is maintained on the WA7BNM Contest Calendar at [www.contestcalendar.com](http://www.contestcalendar.com) and is extracted for publication in QST 2 months prior to the month of the contest. ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.*



## Club Nets

### Second Wednesday Net

70 Centimeters (449.575 MHz Repeater)  
@ 8 p.m. Local Time

### Fourth Wednesday Net

2 Meters (147.24 MHz Repeater)  
@ 8 p.m. Local Time

### Fifth Wednesday Net

10 Meters (28.445 MHz)  
@ 8 p.m. Local Time

## Net Reports

From Joe Miko, WB3FMT

The Aero ARC had its 440 net on June 11, 2025. The net ran for 20 minutes and had 5 participants.

NCS	W3PGA	Joe	Essex
KC3HXL		Joel	Essex
KB3QWC		Larry	Middle River
KB3VAE		Rich	Essex
K3DON		Don	Joppatowne

Pat Stone ran the 2-meter net on June 25. There were 6 participants.

NCS	AC3F	Pat	Middle River
K3DON		Don	Joppatowne
N3RES		Ray	Lutherville
KB3QWC		Larry	Middle River
KB3VAE		Rich	Essex
WA3QLY		Tom	Middle River

## Local Area Nets

Day	Time	Freq. (MHz)	Net Name
Daily	9 - 10 am	146.670	Oriole Net
Daily	6 pm	3.820	Maryland Emergency Phone Net
Daily	6:30 - 7 pm	146.670 PL 107.2	<a href="#">Baltimore Traffic Net</a>
Daily	7 pm & 10 pm	3.557 CW	MD/DC/DE Traffic Net
2nd Tue	7:30 pm	146.670	Baltimore County RACES Net
2nd Wed	8 pm	449.575	Aero ARC Net
2nd & 4th Tue	7 pm	146.775, (-) PL 146.2	Harford County, MD, ARES
4th Wed	8 pm	147.240	Aero ARC Net
5th Wed	8 pm	28.445	Aero ARC Net
When activated by NOAA		147.030	SkyWarn (primary)

# From the Skies Over Mt. Essex

For current solar activity, visit <https://www.solarham.com/>

## SKY Events for July 2025

Time EDT EST + 1 Hr

Jul 02 15:30	FIRST QUARTER MOON
03 17	Earth at Aphelion: 1.01664 AU
03 17:39	Spica 0.8°N of Moon
04 24	Mercury at Greatest Elong: 25.9°E
04 22:29	Moon at Apogee: 404627 km
07 13:37	Antares 0.4°N of Moon
10 16:37	FULL BUCK MOON
13 04:32	Venus 3.1°N of Aldebaran
14 09	Mercury at Aphelion
15 06:42	Moon at Ascending Node
16 06:19	Saturn 3.8°S of Moon
17 20:38	LAST QUARTER MOON
20 06:27	Pleiades 0.7°S of Moon
20 09:52	Moon at Perigee: 368047 km
23 00:20	Jupiter 4.9°S of Moon
24 15:11	NEW MOON
26 15:44	Regulus 1.4°S of Moon
28 00	Delta-Aquarid Meteor Shower
28 04:30	Moon at Descending Node
28 15:45	Mars 1.3°N of Moon
31 01:45	Spica 1.0°N of Moon
31 20	Mercury at Inferior Conjunction

## Planet Lookout at mid-Month

Sunrise 05:51 EDT and Sunset 20:31 EDT

**Mercury** Evening Rise 07:49, Sets 21:26, Mag +1.5 and 10 Arc Sec.

**Venus** Morning Rises 03:02, Sets 17:28 Mag -4.1 and 16.1 Arc Sec.

**Mars** Evening Rise 10:18, Sets 23:04, Mag +1.5 and 4.6" Arc Sec.

**Jupiter** Morning Rises 04:41, Sets 19:30, Mag -1.9 size 32.2"

**Saturn** Morning Rises 23:41, Sets 11:40, Mag +0.9 size 18.2

**Uranus** Morning Rises 02:12 Sets 16:35; Mag +5.8 size 3.4"

**Neptune** Morning Rises 23:37 Sets 11:42; Mag +7.9 size 2.5"

## Arecibo's Collapse

Excerpts from Astronomy Magazine March 25

The Radio telescope is a 1,0000-foot spherical reflector built in a natural sinkhole. It was built in 1963. Came crashing down on Dec.1,2020. The telescope's main platform came crashing down after two key cables holding it failed earlier in the year. These cables were held in place inside sockets filled with zinc.

After Category 4 Hurricane Maria struck the island in 2017, "gradually the zinc lost its hold on the cables and allowed several of them to pull out"

This collapse is first documented of "zinc creep" in such sockets leading to catastrophic failure in over a century of use, the report says.

Absent Maria, the committee believes that the telescope would still be standing. There were human failures, too, the report found. "The Arecibo Telescope gave warning signs following Hurricane Maria of the structural distress through the increasing cable socket pullout."

Inspections in 2018 and 2019 had found that key cables had begun to slip out of their sockets by as much as 1.5 inches (3.8 centimeters) - which should have raised the highest alarm level, requiring urgent action. The lack of documented concern from the contracted engineers about the ... cable pullouts or the safety factor between Hurricane Maria in 2017 and the failure is alarming. Following the Hurricane, bureaucratic hold-ups delays funding for the repairs of the telescope. And, because the inspector failed to identify the cable slippage as the most pressing issue," none of the proposed repairs would have saved the Arecibo Telescope from collapse," the report concluded.

The only plausible hypothesis they could think of is that the electromagnetic radiation from the Arecibo's radio transmitter --- then the most powerful on Earth - may have accelerated the failure. When subject to an electric field, it is possible for metals and ceramics to deform, a phenomenon call electroplasticity. This transmitter distinguished Arecibo from many other radio telescopes that can only observe passively. It allowed the facility to act as a planetary radar, and even send the occasional interstellar message like the famed Arecibo Message.

## About the Aero Amateur Radio Club

Officers		Committees			
President	Joe Miko, WB3FMT	Repeater	Phil Hock, W3VRD Ken Erisman, NE3A Dave Brunner, AC3EO		
Vice President	Rob Ballou, AE3B	VE Testing	Pat Stone, AC3F		
Recording Secretary	Larry Hill, KB3QWC	Public Service	Bob Landis, WA3SWA		
Corresponding Secretary	Pat Stone, AC3F	Webmaster, Facebook	Rob Ballou, AE3B		
Treasurer	Tom Hawkins, WA3QLY	Trustee	Dave Frederick, KB3KRV (W3PGA) Jim Marshall, KC3FBL (AE3RO)		
Resource Coordinator	Ron Distler, W3JEH	Club Nets	Joe Miko, WB3FMT		
		Contests	Harry Rundall, AC3EK		
Newsletter Editor		Cathy Feinman, W3CLF			
Aerial archives dating to 2004 are available at <a href="https://w3pga.net/the-aerial-newsletter-library/">https://w3pga.net/the-aerial-newsletter-library/</a>					
Website: <a href="http://w3pga.net">http://w3pga.net</a>					
Facebook: <a href="https://www.facebook.com/W3PGAClub">https://www.facebook.com/W3PGAClub</a>					
Email: <a href="mailto:w3pgaclub@gmail.com">w3pgaclub@gmail.com</a>					

### Meetings

We meet in person at 7:30 PM ET in the Essex Sky Park hanger.

If a Zoom link is available, it will be sent via email or inquire at [w3pgaclub@gmail.com](mailto:w3pgaclub@gmail.com).

All are welcome to attend.

**W3PGA 2 M** INPUT: 147.84 MHz, OUTPUT: 147.24 MHz, PL 123.0

**W3PGA 70 Cm** INPUT: 444.575 MHz, OUTPUT: 449.575 MHz, PL123.0

**W3JEH 1.25 M** INPUT: 222.24 MHz, OUTPUT: 223.84 MHz