



THE AERO AERIAL

THE NEWSLETTER OF THE AERO AMATEUR RADIO CLUB

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Ham News

Interview With Harry Rundall

From Dave Casler, KE0OG

In the first Ask Dave Interview, Dave Casler, KE0OG, interviewed our own Harry Rundall, AC3EK! Harry Rundall has been a long-time supporter of the Ask Dave channel. Harry discusses his station and why he became a Ham! [Watch the interview](#)

Free Technician Class

From Ron Anders, K3RA

Ron is starting a free Technician Class course on Zoom beginning Thursday, September 9 and running for 7 sessions. Sessions will start at 6:30, and run 3 hours. These classes are classes sponsored by the National Electronics Museum. Those wishing to sign up should email roland.anders@comcast.net.

Meetings

SEPTEMBER
3 AND 17

Events

Southern NJ Conference and HamFest

Date: 9/7/2025

Location: Mullica Hill, NJ

Sponsor: Gloucester County
Amateur Radio Club

Website: [http://
HamFest.W2MMD.org](http://HamFest.W2MMD.org)

Red Rose Repeater Association Hamfest

Date: 10/4/2025

Location: New Holland, PA

Sponsor: Red Rose Repeater
Association Hamfest

Website: w3rrr.org

CARA Fest 2025

Date: 10/5/2025

Location: West Friendship, MD

Sponsor: Columbia ARC

Website: www.carafest.org

SMCARA Tailgate Fest

Date: 10/11/2025

Location: Hollywood, MD

Sponsor: St. Mary's County
ARC

Website: <https://smcara.org>

More Ham News

Tech-Focused Hams: A Shot Across the Bow to ICOM, Yaesu, and More

From Dave Jensen, W7DGJ

New hams are coming into the hobby, and these "new" hams have the potential of upending the market for products sold by the old guard, companies such as ICOM and Yaesu. [Learn more](#)

Resilience Through Amateur Radio for National Preparedness Month 2025

From ARRL

September is National Preparedness Month, which is a good time to look at your personal, family, and community resilience levels. For 2025, the National Preparedness Month theme is "Preparedness Starts at Home." [Read more](#)

Progress in the Revolution: Sunspot Cycle Forecast Accuracy at Cycle 25 Peak

From K4FMH

This research does a deep dive into sunspot cycle forecasting. [Learn more](#)

The Mysterious Shortwave Radio Station Stoking US-Russia Nuclear Fears

From WIRED

A popular shortwave Russian radio station dubbed UVB-76 has been an enigma for decades. But its recent messages have turned it into a tool for Kremlin saber-rattling. [Read more](#)

More Events

RF Hill ARC Hamfest

Date: 10/19/2025

Location: Perkasie, PA

Sponsor: RF Hill ARC

Website: <http://www.rfhillarc.club>

Thawfest IV

Date: 4/11/2026

Location: Madison, VA

Sponsor: Greene County ARC

Website: <https://www.arrl.org/hamfests/thawfest-iv>

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

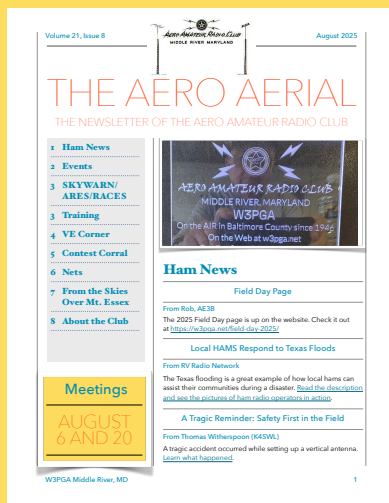
SKYWARN® Flood Class

September 17, 2025, 6:00 p.m.-8:00 p.m.,
Public Safety Training Facility, Room 117, 5370
Public Safety Place, Frederick, MD 21704

SKYWARN® Basics & Winter Class

October 2, 2025, 6:00-8:00 p.m.,
Cecil County Department of Emergency Services,
107 Chesapeake Blvd. #108, Elkton, MD 21921

In case you
missed it,



check out the
August issue.



Radio License Exams

The Aero Amateur Radio Club sponsors Amateur Radio License Exams with the ARRL VEC. Examination sessions are offered throughout the year (dates TBD).

W3PGA Exam Location

Essex Sky Park, 1401 Diffendall Rd, Essex MD 21221-6507

[Pre-registration is required.](#)

Contact

Patricia Stone, AC3F
email: ac3f@juno.com
landline: 410-687-7209

VE Corner

Pat Stone, AC3F

We will be testing at the Essex Sky Park on Sept. 20th at 11am. [Pre-registration is required.](#)

Other Maryland Test Sites

9/6/25, 2:30 pm: [Catonsville](#), walk-ins allowed

9/20/25, 9:00 am: [Laurel](#), walk-ins allowed

10/4/25, 5:45 pm: [Severna Park](#), register or call ahead

10/7/25, 5:45 pm: [Severna Park](#), register or call ahead

10/11/25, 8:45 am: [Forest Hill](#), register or call ahead

10/18/25, 9:00 am: [Laurel](#), walk-ins allowed

11/1/25, 2:30 pm: [Catonsville](#), walk-ins allowed

11/4/25, 5:45 pm: [Severna Park](#), register or call ahead

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

September 2025

Check for updates and a downloadable PDF version online at 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		Bands	Contest Name	Mode	Exchange	Sponsor's Website
Date-Time	Date-Time					
1 1900	1 2030	3.5	RSGB 80m Autumn Series, SSB	Ph	RS, serial	www.rsgbcc.org
1 2300	2 0300	1.8-28,50	MI QRP Labor Day CW Sprint	CW	RST, SPC, mbr or pwr	www.miqrp.net/contest
3 2000	3 2100	3.5	UKEICC 80m Contest	Ph	6-char grid square	www.ukeicc.com
4 0000	5 0300	7	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; 13 WPM max	qrpcontest.com/pigwalk40
4 1800	4 2200	28	NRAU 10m Activity Contest	CW Ph Dig	RS(T), 6-char grid square	nrau.net
6 0000	7 2359	1.8-28	All Asian DX Contest, Phone	Ph	RS, 2-digit age	www.jarl.org
6 0800	7 1000	50,144,432	SARL VHF/UHF FM Contest	Ph	RS(T), 6-char grid square	www.sarl.org.za
6 0800	7 1000	1.8-28	SARL Field Day Contest	CW Ph Dig	RS(T), # of rigs, category, province or "DX"	mysarl.org.za
6 1200	7 1159	3.5-28	Russian RTTY WW Contest	Dig	RST, 2-letter oblast or serial	www.contest.ru
6 1300	7 1259	1.8-28	IARU Region 1 Field Day, SSB	Ph	RST, serial	www.darc.de
6 1300	7 1300	3.5-28	RSGB SSB Field Day	Ph	RS, serial	www.rsgbcc.org
6 1300	6 1600	7	AGCW Straight Key Party	CW	RST, serial, class, name, age	www.agcw.de
6 1400	6 2200	3.5-28	Ohio State Parks on the Air	Ph	OH park abbreviation or SPC	ospota.org
6 1400	7 1400	145	IARU Region 1 145 MHz Contest	CW Ph Dig	RS(T), serial, 6-char grid square	www.iaru-r1.org
6 2000	7 2000	3.5	PODXS 070 Club Jay Hudak Memorial 80m Sprint	Dig	RST, SPC	www.podxs070.com
7 1000	7 1400	144	WAB 144 MHz Phone	Ph	RS, serial, WAB square or country	wab.intermip.net
7 1700	8 0300	All, no WARC	Tennessee QSO Party	CW Ph Dig	RS(T), TN county or SPC	tnqp.org
9 1800	9 1859	3.5	DARC CW-Training Contest	CW	RST, mbr/"NM" or serial	www.darc.de
10 1900	10 2030	3.5	RSGB 80m Autumn Series, CW	CW	RST, serial	www.rsgbcc.org
13 0000	14 2359	2.3 GHz and up	ARRL EME Contest	CW Ph Dig	4-char grid square	www.arrl.org/eme-contest
13 0000	14 2359	3.5-28	WAE DX Contest, SSB	Ph	RS, serial	www.darc.de
13 1500	13 1800	3.5-14	Africa FT4 DX Contest	Dig	Signal report, 4-char grid square	www.sarl.org.za
13 1800	15 0300	50 and up	ARRL September VHF Contest	CW Ph Dig	4-char grid square	www.arrl.org/september-vhf
14 0000	14 0400	3.5-14	North American Sprint, CW	CW	Other's call, your call, serial, name, SPC	ncjweb.com/Sprint-Rules.pdf
14 1300	14 1330	432	IRTS 70cm Counties Contest	Ph	RS(T), serial, county (if EI/GI)	www.irts.ie
14 1330	14 1500	144	IRTS 2m Counties Contest	Ph	RS(T), serial, county (if EI/GI)	www.irts.ie
15 0000	15 0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or pwr	www.4sqrp.com
15 1900	15 2100	3.5-28	RSGB FT4 Contest	Dig	Signal report	www.rsgbcc.org
18 0000	19 0300	14	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; 13 WPM max	qrpcontest.com/pigwalk20
18 1800	18 1959	3.5	BCC QSO Party	CW Ph Dig	RS(T), T-shirt size	www.bavarian-contest-club.de
18 1900	18 2000	3.5-14	NTC QSO Party	CW	Max 25 WPM; RST, mbr or "NM"	pi4ntc.nl/ntcqp
19 1600	19 1700	3.5	AGB NEMIGA Contest	CW Ph Dig	RST, serial, mbr (if any)	ev5agb.com
20 0900	22 0759	10 GHz to light	ARRL 10 GHz and Up Contest	CW Ph Dig	6-char grid square	www.arrl.org/10-ghz-up
20 1200	21 1200	3.5-28	Scandinavian Activity Contest, CW	CW	RST, serial	www.sactest.net
20 1400	21 0159	3.5-28	New Jersey QSO Party	CW Ph Dig	RS(T), NJ county or SPC	www.k2td-bcrrc.org
20 1400	21 2000	All, no WARC	Texas QSO Party	CW Ph Dig	RS(T), TX county or SPC	www.txqp.net
20 1400	21 0200	All, no WARC	Iowa QSO Party	CW Ph Dig	RS(T), IA county or SPC	www.w0yl.com
20 1500	20 2100	1.8-28	QRP Afield	CW Ph Dig	RS(T), SPC, mbr or pwr	www.newenglandqrp.org
20 1600	21 2200	3.5-28	New Hampshire QSO Party	CW Ph Dig	RS(T), NH county or SPC	www.w1wqm.org
20 1600	21 2359	1.8-28,50	Washington State Salmon Run	CW Ph	RS(T), WA county or SPC	salmonrun.wdxc.org
20 1600	20 2300	All, no WARC	Wisconsin Parks on the Air	CW Ph Dig	WI park number or SPC	wipota.com
21 0000	21 0400	3.5-14	North American Sprint, RTTY	Dig	Other's call, your call, serial, name, SPC	ncjweb.com/Sprint-Rules.pdf
21 1700	21 2059	3.5-28	BARTG Sprint PSK63 Contest	Dig	Serial	bartg.org.uk
21 2300	22 0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or pwr	qrpcontest.com/pigrun
22 2300	23 0600	144	144 MHz Fall Sprint	CW Ph Dig	4-char grid square	packratvhf.com
24 2000	24 2100	3.5	UKEICC 80m Contest	CW	6-char grid square	www.ukeicc.com
25 1900	25 2030	3.5	RSGB 80m Autumn Series, Data	Dig	RST, serial	www.rsgbcc.org
27 0000	28 2359	3.5-28	CQ Worldwide DX Contest, RTTY	Dig	RST, CQ zone, US/VE state/prov	www.cqwwrtty.com
27 1200	28 1159	3.5-28	YU DX Contest	CW Ph	RS(T), YU/YT county or serial	www.yudx.yu1srs.org.rs
27 1200	28 1200	1.8-28	Maine QSO Party	CW Ph	RS(T), ME county or SPC	www.ws1sm.com
27 1400	27 1800	144,432	AGCW VHF/UHF Contest	CW	RST, serial, pwr, 6-char grid square	www.agcw.de
27 1400	27 2200	3.5-28	Masonic Lodges on the Air	Ph	Lodge name, lodge no., jurisdiction or SPC	cqmorelight.com
27 2000	28 2359	1.8-14,28	AWA Amplitude Modulation QSO Party	Ph	Name, SPC	antiquewireless.org
28 0700	28 1000	50	UBA ON Contest, 6m	CW Ph	RS(T), serial, ON (for ON)	www.uba.be
30 2300	1 0600	222	222 MHz Fall Sprint	CW Ph Dig	4-char grid square	packratvhf.com

There are a number of weekly contests not included in the table above. For more info, visit: www.qrpfoxhunt.org, www.ncccsprint.com, and 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 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 440 net on July 9 was cancelled due to storms.

The Aero ARC had its 2-meter net on July 23. The net ran from 00:00 to 00:24. There were 5 participants.

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

The Aero ARC had its 10-meter net on July 30. Net start time 00:00 ended 00:18. Band conditions were very poor so we ended early.

NCS	AC3F	Pat	Middle River
	KB3AJD	Marty	
	KB3QWC	Larry	Middle River
	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	Baltimore Traffic Net
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
3rd Fri	8 pm	WASH_DC Node 6154	MDC Section EchoLink
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 September 2025

Time EDT GMT - 4 Hrs EST - GMT 5

Sep 01 03	Venus 1.5° S of Beehive (M44) Open Star Cluster
04 10:00	Pluto is 0.06° N of Moon
07 14:09	FULL "Corn" MOON
07 19:08	Moon at Ascending Node
08 16:09	Saturn 4.0°S of Moon
10 08:09	Moon at Perigee: 364781 km
12 17:48	Pleiades 1.0°S of Moon
12 23:28	Mars 2.0°N of Spica
13 07	Mercury at Superior Conjunction
14 06:33	LAST QUARTER MOON
16 07:06	Jupiter 4.6°S of Moon
16 13:58	Pollux 2.4°N of Moon
19 05:57	Venus 0.4°N of Regulus
19 07:11	Regulus 1.3°S of Moon
19 07:46	Venus 0.8°S of Moon: Occn.
20 19:13	Moon at Descending Node
21 01	Saturn at Opposition
21 15:54	NEW MOON
22 14:19	Autumnal Equinox (Fall)
23 07	Neptune at Opposition
23 17:31	Spica 1.1°N of Moon
24 10:50	Mars 3.9°N of Moon
26 05:46	Moon at Apogee: 405552 km
27 13:34	Antares 0.6°N of Moon
29 19:54	FIRST QUARTER MOON

Planet Lookout at mid-Month

Sunrise 06:48 EDT and Sunset 19:12 EDT

Mercury Too close to the Sun to be easily seen.

Venus Morning Rises 04:29, Sets 18:06 Mag -3.9 and 11.7 Arc Sec.

Mars Evening Rise 09:30 Sets 20:38, Mag +1.6 and 4.1" Arc Sec.

Jupiter Morning Rises 01:32 Sets 16:10, Mag-2.1 size 36.0" Arc Sec.

Saturn Evening Rises 19:26, Sets 07:17, Mag+0.6 size 19.3" arc sec.

Uranus Morning Rises 22:04, Sets 12:33; Mag +5.8 size 3.4"

Neptune Morning Rises 19:26, Sets 07:28, Mag +7.9 size 2.5

Harvest Moon or NOT?

The Harvest Moon relates to the timing of the autumnal equinox, so it changes each year. In 2025, the brilliant Full Harvest Moon is on Monday, October 6, reaching full illumination at 11:47 P.M. It will appear full for three days, including the prior night of October 5 and the following night of October 7.

Note that the Harvest Moon is not always in the same month. It's the full Moon that occurs nearest to the autumnal equinox. This means that the Harvest Moon can occur in September or October, depending on how the lunar cycle aligns with the Gregorian calendar.

Why Do We Call It the Corn Moon?

This time of year—late summer into early fall—corresponds with the time of harvesting corn in much of the northern United States. For this reason, a number of Native American peoples traditionally used some variation of the name "Corn Moon" to refer to the Moon of either August or September. Examples include Corn Maker Moon (Western Abenaki) and Corn Harvest Moon (Dakota).

From Farmers Almanac August 21, 2025

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 https://w3pga.net/the-aerial-newsletter-library/			
Website: http://w3pga.net			
Facebook: https://www.facebook.com/W3PGAClub			
Email: w3pgaclub@gmail.com			

Meetings

We meet in person at 7:00 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.
All are welcome to attend. Arrive early to socialize.

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