



Anderson Repeater Club, Inc.



July, 2024

Our next regular meeting of 2024 will be on Tuesday, July 2, 7:00 PM at the EOC Training Room. Please plan to attend.

Keep an eye on our website and the list of current members for 2024. We still have several from whom the Treasurer has not received dues and we are trying to keep the list current. If you have not yet submitted your \$20 for 2024 bring it to the meeting or send it to our PO Box:

Anderson Repeater Club
PO Box 615
Anderson, IN 46015.

Our VE Team continues to provide opportunities to become an amateur or to upgrade. Thanks to the VE Team: K9LBB, KV9W, WA9JWL, K9DYR, W9EEL, K9ALC, K9TZJ, N9IKE, N9VZL, WA9CWE, NA9LA, AK9JS, KB9Y. This year our team again offers testing on the third Tuesday of each month. If you would like to upgrade, or if you know of someone who wants to become licensed you can “walk-in”. Our testing opportunities are posted in the ARRL Web Site listing.

Congratulations to Audry Lowe (K3TTE) on completing her EXTRA Certification!

You may know that on November 13, the FCC rule changed to remove symbol rate restrictions on amateur radio digital emissions. <http://www.arrl.org/news/arrl-hails-fcc-action-to-remove-symbol-rate-restrictions> . This has resulted in 2 questions being changed in the General Class question pool (G1C05 and G1C02). If you are studying for General you might look for the update in the on-line testing that hopefully you are utilizing from one of many sources.

We believe there are many of you who have experiences related to amateur radio that you can share with the members at a meeting. Please think about offering a technical session or at least tell us what you think would be of interest. It doesn't have to be a polished presentation, just offer us what excites you in the hobby.

ARRL's QST magazine features “Preparedness” in July and has several articles about emergency preparedness, as well as first-hand accounts of how HAM Radio preparedness paid off in a variety of emergency situations. ARRL members can read it online.

73,
Don Billey, W9BLY

Minutes from May 7, 2024 Club Meeting

Call to Order – Ferrin Nice (N9VZL) 19:05

Attendance: 20 Registration:

Call Sign	Name	License
KC9DJU	Mike Cook	General
KD9RZG	Charlie Dixon	General
W9DO	Dennis Owen	General
KD9VVK	Walter Hestand	General
W9BLY	Don Billey	General
KD9PZR	Anthony Poitras	General
N9DR	Doug Rose	Extra
AK9JS	Jeff Stewart	Extra
N9IKE	Ike Jones	Extra
KD9PSR	Tim Bailey	General

Call Sign	Name	License
WA9JWL	Frank Dick	Extra
KE9AMM	Dominic Fetta	Technician
K9KEF	Keith Elliott	General
K9RLE	Lynn Edens	Technician
WA9QEK	Kenny Olvey	General
K9ALC	Greg Hunt	Extra
K9SJH	Steve Harney	General
K9DYR	Jeff Dyer	General
K9GDH	Gerald Hollon	General
W9EEL	Thomas Harbron	Extra

Minutes

Minutes of the last meeting were distributed via email.

Motion to accept – Jeff Stewart (AK9JS) Second – Charlie Dixon (KD9RZG)
PASSED voice vote

New member Application - Dominic Fetta - KE9AMM - Technician

Motion to approve - Jeff Stewart (AK9JS) Second Greg Hunt (K9ALC)
Unanimous Consent

Silent Keys – None

Sickness

Steve Riley – Continuing to improve - not out and about yet.

Treasurer's Report

Beginning Balance \$ 4404.39
Deposits \$ 80.00
Expense \$ 13.00
Ending Balance \$ 4471.39

Motion to accept by Lynn Edens (K9RLE)... Second by Jeff Stewart (AK9JS) - Approved

Correspondence

Steve Riley - Update contact with repeater council

Repeater Updates

W9OBH – 146.82 Trustee Tom Ecker KA9SYP
Working well

KB9VE – 147.090 Trustee Jeff Dyer K9DYR
No report

W9CWE – 443.350 Trustee Steve Riley W9CWE
Operator issue - operators MUST wait for the prior caller to clear (beep/reset) before transmitting. If you key up to soon it will not allow transmission.

KC9JWO – 223.860 Trustee Lynn Edens K9RLE
Doug returned the repeater... works well now.

W9VCF – 145.390 Trustee Mark W9MWM
No Report

Weather Report – Tom Harbron

Had some some potential tornadic storms... high storms, rotation that was high in the atmosphere...
Could have some storms tomorrow... could also be severe.
Cooling the remainder of the week - then warming after that

EMA REPORT - Jeff Dyer

Ramping up for the outreach season... booth costs nothing - will need volunteers - coordinate through Steve Doudt from FST. If the club would like to come up with a display we are welcome to do so. In the next month - will be doing a callout for participation for Project Lifesaver and MCU Local Command Team... will start a group through training in those areas.

Volunteer hours W9GNR
No Report

VE Testing

3 tested - one is here tonight... one was a college student, third was here last night...
1 wants to test for Extra and become active in clubs

ACTIVITIES W9GNR

Thursdays – Donut Meeting
Saturdays – Anderson Grill
May 21 – VE Testing
W9VCF
White River Run coming up June 6

OLD BUSINESS

Combination of Clubs - Tim and Gerald - report on club advisors...
Officers of the clubs got together for initial conversation... boils down to money to save the clubs... lots

of benefits associated with combining... also some negative. Input is appreciated... MCARC voted to call a meeting of people who are interested to talk about a plan.

Want to work to make it appealing and retain those who come into the group.

Gerald - main drive is decrease in membership... 66-41... MCARC 50-36 ARC

Separate liability and double payments - not sustainable... looking at maybe 5 years for MCARC, perhaps a little longer for this club unless we need to replace a repeater or hardline. (\$2000 to have someone climb the tower to make repairs.)

Repeaters were initially provided/donated by individual HAM operators.

MCARC - Motion for anyone interested to discuss a path forward, what it would take,

Jeff Dyer (K9DYZ) made motion, Steve Harney (K9SJH) seconded... to have an open meeting of the membership... will call a meeting... voice vote unanimous.

NEW BUSINESS

None

SHOW & TELL

Frank Dick (WA9JWL) shared his HAM awards - Bicentennial "Contacted All States" award and ARRL DX Honor Roll Award for Working 331 Countries (Confirmed)

HAM Video presented by Ferrin (N9VZL) - Tim Allem Hamshack KK6OTD

ARC Membership Certificates - Presented to those who have paid dues for 2024

Motion to adjourn – Jeff Stewart (AK9JS)

Second - Charlie Dixon (KD9RZG)

ADJOURNED 19:54

Respectfully submitted,

Don Billey - W9BLY

Indiana ARRL Events

7/20 – Auburn Hamfest – Auburn, IN

7/27 – East Central Indiana Hamfest – Portland, IN

8/3 – Elkhart East Hamfest – Elkhart, IN

8/10 – Hendricks County Tailgate Fest – Avon, IN

8/11 – ARANCI Hamfest – Lake Village, IN

10/12 – Hoosier Hills Hamfest – Bedford, IN

Anderson Repeater Club

P. O. Box 615

Anderson, IN 46015

W9OBH@ARRL.NET

The K7RA Solar Update – (from the ARRL Website)

06/07/2024

This reporting week (May 30 to June 5) our Sun was active, with nine new sunspot groups.

One emerged on May 30, another on May 31, two more on June 1, another on June 2, three more on June 3, and one more on June 4.

Average daily sunspot number rose from 124.6 to 183.4, and average daily solar flux from 164.8 to 184.8.

Predicted solar flux is 190 on June 7-9, 170 on June 10-19, 180 on June 20, 190 on June 21-23, 195 on June 24 and 25, 200 on June 26, 205 on June 27-29, 180 on June 30, then 185, 185 and 180 on July 1-3, 175 on July 4-7, 180 and 175 on July 8-9, and 170 on July 10-16.

Predicted planetary A index is 5, 10 and 8 on June 7-9, 5 on June 10-18, 8 on June 19-20, then 5, 8 and 8 on June 21-23, and 5 on June 24 to July 6, then 8, 10, and 8 on July 7-9, and 5 on July 10-15.

Weekly Commentary on the Sun, the Magnetosphere, and the Earth's Ionosphere - June 6, 2024 from F.K. Janda, OK1HH:

"The rise in solar activity is confirmed by the average sunspot number for May, 171.7, which is the highest in 22 years. Plugging this into the formula for calculating the smoothed 12-month average gives 127.8 for last November. As a consequence of the high solar activity, including CME flares, there were a large number of geomagnetic storms in May. The largest of these occurred on 10-11 May, while accompanied by auroras, easily observable even at mid-latitudes.

"Shortwave conditions were above average on only six days out of the entire month of May, and mostly poor on half of the days in response to a total of seven one- to three-day disturbed intervals. The worst day was May 11. In addition, a summertime sporadic-E layer contributed to the erratic development, especially in the mid-latitudes of the Northern Hemisphere.

"While the two large sunspot groups, AR3663 and AR3664 (AR3691 and AR3697 in June), continue to have a magnetic configuration conducive to the production of large flares, there are fewer of them than in May, and the evolution of propagation conditions is therefore more regular, and the occurrence of above-average days is more frequent. The number of sunspot groups increased from seven to twelve during the first six days of June.