

SHORT SKIP - FROM THE PARADE STAND

By Tim McGillen/N9CA 2024 LCARC President

www.W9LJ.org

January 2024 issue

*Click on [blue or underlined wording](#) to open the internet topic links

Hello to all friends of ham radio. I wish all of you a safe, successful, prosperous Happy New Year.

For those of you who didn't make it to the LCARC December year end meeting, at Tyler's Tender restaurant... you were missed.

A short power point short presentation on antenna RF directivity vs antenna height was presented by your's truly, but better than that, was the food, special LCARC cake, and fellowship that was shared.

January's Meeting will be on Friday the 12th at 7:30 PM. Our program will be presented by Karin Thompson KD4DXX of RT Systems. Karin's company makes software and custom cables that allow for easy computer programming of both your HTs and newer desktop radios.

Karin will not only present live demonstrations of how this is done using their products, but will be able to answer many of the *how-do-I* questions you may have. This program is a must attend winner that you do not want to miss.

Can't attend the January meeting in person? Here is the **ZOOM link**. Copy and paste the link into your web browser, and please be sure to mute your computer's audio microphone. <https://us02web.zoom.us/j/82066029013>

Meetings are now on the 4th floor of the 7 story EMA/Lake County health department building at 2900 W. 93rd Ave Crown Point Indiana.

Ample parking - Handicap accessible - You do not need to be a LCARC member to attend.

2024 Club dues are well... due. Don't be left out! Club members receive 2024 Club membership for just \$20... or 3 full years of membership for \$50.

The LCARC Information Net Suspended

The Wednesday night NET has been temporarily suspended. Stay tuned.

District 1 ARES

D1 net is on the N9IAA repeater 146.685 pl 173.8. Each Tuesday evening at 8:00pm. You do not need to belong to ARES to check into the net.

*There have been reports of N9IAA repeater audio distortion with some amateurs attempting to check in. The ARES NCS may decide to QSY to the LaPorte K9JSI repeater 146.970 pl 131.8.

The ARES D1 website has changed to: <https://aresd1.wixsite.com/aresd1>

QST OR NOT TO QST... WHY THE ARRL STILL MATTERS

<https://youtu.be/ePrU2x DAqE>

AMATEUR RADIO LICENSE PRIVILAGES THROUGH THE YEARS

<https://ema.arrl.org/a-history-of-amateur-radio-license-changes/>

IF YOU'RE LOOKING FOR RADIO CRYSTALS

<https://nettyelectronics.com/index.html>

ARRL Straight Key Night 2024

The moment VOTA: Badges on the Air ends, another popular event gets started:

ARRL Straight Key Night (SKN) is held on January 1, 2024, from 0000 UTC through 2359 UTC.

Many hams look forward to SKN as one of the highlights of their operating year.

Operators participate using Morse code (CW). All you need is your favorite straight key or bug. Many participants dust off vintage radios and keys and put them back into service each year just for this event.

SKN is not a contest, so there's no need for quick exchanges. However, all hand keys, regardless of age, are welcome. The number of contacts you make is not important. The reward is meeting new friends as you get together on the air.

Send a list of stations contacted, SKN stories and photos, and your votes for Best Fist and Most Interesting QSO to straightkey@arrl.org by January 31, 2024.

More information is available at www.arrl.org/straight-key-night.



ARRL Straight Key Night (SKN) is January 1, 2024, from 0000 UTC through 2359 UTC.

HOW-TO: A FREE PROPAGATION "HAM CLOCK" ON YOUR COMPUTER

<https://youtu.be/0ImcpbnUAoI>



ARRL Audio News

Listen to [ARRL Audio News](#), available every Friday. ARRL Audio News is a summary of the week's top news stories in the world of amateur radio and ARRL, along with interviews and other features.

The On the Air podcast and ARRL Audio News are available on blubrry, iTunes, and Apple Podcasts -- [On the Air](#) | [ARRL Audio News](#).

Status of CQ Magazine

ARRL has heard from many members concerned about their print subscriptions to CQ magazine. CQ magazine is not an ARRL publication; however ARRL members enjoy the ability to pursue earning the CQ Worked All Zones (WAZ) and Worked All Prefixes (WPX) awards through Logbook of The World (LoTW).

CQ Editor Rich Moseson, W2VU, acknowledged the delays in delivering CQ magazine. He indicated that the November and December issues are delayed but plans are to get them out to the readership as soon as circumstances permit.

ARES HF Statewide Indiana Net

Beginning in December, the "ARES *Indiana Section Net*" is moving from 40 meters to 3.900 MHz +/- LSB. SSB phone 4:00 pm CST



SKYWARN Spotter Net

SKYWARN

Wednesday, all check-in welcome 7:00pm W9SRC/r 146.640 pl 107.2

NOVICE CLASS LICENSE TRIVIA

- 1951 FCC CREATES NOVICE CLASS – 1 YEAR – NON-RENEWABLE- 2X3 CALL- 2ND LETTER "N"
- 1954 FCC ALLOWS VE'S TO ADMINISTER NOVICE EXAM AND 5 WPM MORSE CODE TEST
- 1966, LICENSE GOES FROM 1 YEAR WITH 1 YEAR GRACE TO 2 YEARS NON-RENEWABLE
- 1972, 40 METER CW NOVICE BAND SHIFTS TO 7100 KHz - 7150 KHz,
- 1972, 15 METER NOVICE BAND REDUCED TO 21,100 KHz to 21,200 KHz,
- 1972, NOVICES NOW ALLOWED TO USE A VFO INSTEAD OF CRYSTAL CONTROL
- 1975, NOVICES ALLOWED TO INCREASE FROM 75 WATTS INPUT TO 250W
- JULY 1ST, 1976 FCC STOPPED ISSUING NEW NOVICE LICENSES - NOW RENEWABLE X 5YRS

- As of MARCH, 12th 2012 privileges: 3.525-3.600 cw, 7.025-7.125 cw, 21.025-21.200 cw, 28.000-28.300 cw/data, 28.300-28.500 cw & phone, 200W PEP, renewable x 10 years
- THERE ARE STILL 166 NOVICE LICENSE CLASS HOLDERS IN INDIANA
- THERE ARE 5,866 US NOVICE LICENSE CLASS HOLDERS AS OF 12/27/2023 PER THE FCC

FROM THE 1968 ARRL LICENSE STUDY MANUAL I STUDIED IN 1968

AMATEUR LICENSING

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AMATEUR OPERATOR LICENSES					
<i>Class</i>	<i>Prior Experience</i>	<i>Code Test</i>	<i>Written Examination</i>	<i>Privileges</i>	<i>Term</i>
Novice	None	5 w.p.m.	Elementary theory and regulations	Telegraphy in 3700-3750, 7150-7200, 21,100-21,250 kc., and 145-147 Mc. Crystal control required; 75 watts maximum input.	Two years, not renewable
Technician	None	5 w.p.m.	General theory and regulations	All amateur privileges in 50.25-54.0 ¹ Mc., 145-147 Mc., and above 220 Mc.	Five years, renewable
General Conditional ²	None	13 w.p.m.	General theory and regulations	All amateur privileges except those reserved to Advanced and Extra Class; see section 97.7(a)	Five years, renewable
Advanced	None	13 w.p.m. (Credit is given to General Class Licensees)	General theory and regulations, plus intermediate theory.	All amateur privileges except those reserved to Extra Class; see section 97.7(a)	Five years, renewable
Amateur Extra	Two years since 1934, ³ except as Novice or Technician	20 w.p.m. ³	General theory and regulations, intermediate theory, ³ plus special exam ³ on advanced techniques	All amateur privileges	Five years, renewable

12/27/2023 US HR LICENSEE STATS

Report includes FCC actions through Wednesday, 27-Dec-2023

State/Territory	Novice	Tech	General	Advanced	Extra	Total
Alabama	67	5415	3162	524	2883	12051
Alaska	15	1557	883	145	662	3262
Arizona	111	11077	5106	980	4567	21841
Arkansas	39	4087	1964	306	1613	8009
California	645	58418	19418	3390	15495	97366
Colorado	89	10594	4526	695	3772	19676
Connecticut	119	3114	1875	380	1686	7174
Delaware	20	757	500	87	417	1781
District of Columbia	4	262	112	21	117	516
Florida	432	18204	11819	2501	9983	42939
Georgia	109	8760	4962	824	4118	18773
Guam	1	102	50	8	101	262
Hawaii	29	2007	766	144	684	3630
Idaho	28	6431	2548	244	1622	10873
Illinois	257	8504	5270	998	4374	19403
Indiana	166	7174	4145	711	3179	15375
Iowa	53	2964	1676	397	1490	6580
Kansas	70	3362	1931	286	1528	7177
Kentucky	72	4536	2558	399	2030	9595
Louisiana	59	2628	1683	330	1354	6054
Maine	37	1848	1264	212	1104	4465
Maryland	99	4743	2806	538	2664	10850
Massachusetts	147	5736	3473	654	3287	13297
Michigan	176	9752	5340	982	4674	20924
Minnesota	107	5237	2974	593	2504	11415
Mississippi	23	2149	1352	220	1259	5003
Missouri	97	7502	3881	627	3095	15202
Montana	27	2239	1174	170	822	4432
Nebraska	27	1690	1038	223	753	3731
Nevada	38	4483	1892	315	1534	8262

New Hampshire	52	2412	1494	257	1481	5696
New Jersey	195	5918	3206	699	3074	13092
New Mexico	27	3222	1483	265	1334	6331
New York	396	11733	6774	1343	5931	26177
North Carolina	144	10259	5896	1008	5141	22448
North Dakota	10	746	413	64	297	1530
Ohio	314	12196	7397	1275	6109	27291
Oklahoma	44	4963	2527	371	1980	9885
Oregon	97	11172	4957	693	3582	20501
Pennsylvania	275	10549	6342	1282	5577	24025
Puerto Rico	99	2957	1194	170	717	5137
Rhode Island	21	836	491	87	459	1894
South Carolina	56	4697	2736	462	2364	10315
South Dakota	16	889	600	115	484	2104
Tennessee	112	9257	5184	805	4390	19748
Texas	288	26563	13338	2255	11231	53675
Utah	36	12745	3277	299	2147	18504
Vermont	14	967	520	102	492	2095
Virgin Islands		122	71	11	53	257
Virginia	178	9417	5326	927	4813	20661
Washington	184	18696	8111	1115	5731	33837
West Virginia	41	3025	1450	209	1243	5968
Wisconsin	93	4770	3204	557	2553	11177
Wyoming	10	1024	650	110	476	2270
Other*	1	281	97	6	194	579
TOTAL	5866	374748	186886	32391	155224	755115

[NASA's Tech Demo Streams First Video From Deep Space via Laser](https://www.jpl.nasa.gov/news/nasas-tech-demo-streams-first-video-from-deep-space-via-laser)

<https://www.jpl.nasa.gov/news/nasas-tech-demo-streams-first-video-from-deep-space-via-laser>

[A QRP SELF SPOTING CLUSTER](https://www.qrpcluster.com/)

<https://www.qrpcluster.com/>

DECEMBER 2023 ISSUE OF: QRPer.com * links, videos, how-to, reviews, news

<https://qrper.com/2023/12/the-lifeline-of-cw-and-pota/>

12/2023 METEOR SCATTER EXPERIMENT_* and much more HR experiments

<https://ei7gl.blogspot.com/2023/12/meteor-scatter-experiment-with-2023.html>

Find US Hams Near You... or Anywhere

<https://haminfo.tetranz.com/map>

Hoping to see you on Friday the 12th,

73, Tim/N9CA