

ARRL Affiliated Club www.w9rca.org

SEPTEMBER 2025

MONTHLY NEWSLETTER

THE NEXT MEETING OF THE RCA AMATEUR RADIO CLUB WILL BE TUESDAY, SEPTEMBER 9, 6:30 PM AT NORTH SIDE EVENTS, FORMERLY THE KNIGHTS OF COLUMBUS, 2100 EAST 71st, INDIANAPOLIS, IN

RCA ARC NEWS

AUGUST MEETING SUMMARY – Thanks to all who attended the August meeting. We had a recap of Field Day, Greg, K0GAH, gave his impressions of the activities. The '88 repeater shack is under going some construction as another UHF repeater system for a school system is being added. Hopefully the '88 won't be adversely effected either by the construction or a higher RF environment. So far so good. John, KF9UH, is looking out for our interests during this project. Activity at the test sessions was reviewed. Various emergency communications services involving amateur radio were discussed including, Homeland Security Auxcom (CERT, RACES, ARES) and others. Also, using SDR receivers with your present transceiver and the need for transmit / receive relays was discussed.

Our Club website, W9RCA.org, was recently changed to a secure site. To access the site, you will have use https://w9rca.org

AMATEUR RADIO LICENSE TEST SESSION

Date: September 13, 2025

Time: Starting at Noon by appointment only.

Location: Salvation Army EDS Training Facility, 4020 Georgetown Rd

Indianapolis, IN 46254-2407

Contact: James Kajder (505) 228-3704

Email: testing@indyradioclub.org

Required: FCC FRN and a completed NCVEC 605 license application form.

Laurel VEC test sessions: https://www.laurelvec.com/?pg=exams\

HAMFESTS, OPERATING EVENTS, VOLUNTEER OPPORTUNITIES

Oct 04 - <u>Shelbyville Tailgate</u>, Shelbyville, IN

Oct 18 Hamtoberfest, Lynnville Community Center, Lynnville, IN Nov 6 ARRL FMT, https://fmt.arrl.org/ Thurs., 9:30 PM EST

WA7BNM expanded contest calendar, https://www.contestcalendar.com/ Visit the **ARRL Special Event Stations database** at www.arrl.org/special-event-station to find other on-the-air events and commemorations.

Hamfest or Convention: www.arrl.org/hamfests

Find a license exam in your area: www.arrl.org/exam

ARRL Home: www.arrl.org

FIELD DAY SUMMARY by Brian, W9IND

Four weeks ago we held our annual "debrief" – which is traditionally our last Field Day meeting of the year. It featured a critique of our FD 2025 performance, a discussion of next year's strategy, and the announcement of our submitted total score, along with other relevant statistics.

For those who couldn't make it, I wanted to fill you in on some of the highlights ... and a bit of the inside story on how a very challenging Field Day unfolded behind the scenes.

First, let's recall our 2025 goals.

We'd competed in Class 4A in 2023 and 2024, both times finishing 3rd overall. Considering that the only two teams to beat us were operating at least 12 transmitters, our realistic aim was to at least match our "podium finish" (as Formula One calls its three highest positions). With 20,915 points in 2024, we figured we'd need at least 20,000 to achieve a third place three-peat in 2025.

But that possibility looked increasingly unlikely when several of our most experienced operators had to skip Field Day due to schedule conflicts. Our prospects got even worse when on the Wednesday before the big weekend, two more of our top scorers were sidelined with medical issues.

Suddenly, we found ourselves with 19 vacated hours and only three days to fill them. Matching the absent ops' point production appeared unattainable, since they represented nearly half of last year's CW scoring and a third of the Phone total.

We considered stepping back to Class 3A, but since we're in it for total points rather than class championships, it made little sense to remove one-fourth of our transmitter capability.

Our best shot was to employ a combination of strategies to fill the uncovered shifts. After loading up our existing operators with as many hours as they could handle, we began looking beyond our usual 4A roster for reinforcements. In our quest to achieve 100 percent of what Dale Hammer calls BIC – "butts (or behinds) in chairs" – we recruited one new teammate and borrowed an op from our VHF Team.

But that still left us with about eight unassigned hours. So we tapped the only resource we had left – the GOTA Team – giving three of the more experienced members a chance to play for the varsity.

Presto: Total BIC! But our chances of reaching 20,000 points still seemed remote, if not impossible. Would we even want to submit our score to the ARRL?

The answers began rolling in when the clock struck 2 p.m. on Field Day Sunday. Here's how it all unfolded:

- 1. Our raw 4A score (automatically generated by N1MM) was 11,468 points, nearly 1,000 points behind our 2024 total of 12,440.
- 2. Our 4A CW and Phone totals fell short of last year's by 215 QSOs and 860 points on CW, and 336 Q's and 672 points on Phone ... more than 1,500 total points off the mark. Fortunately, our increased emphasis on Digital modes (FT8 and FT4) gave us 141 more Q's and 564 more points than in 2024, when our 4A Team did no Digital.
- 3. Still, to hit 20,000, we would need improved scoring from nearly every other station. We lost ground in the Satellite category, striking out in our attempts to work the birds, for a missed 100 bonus points.
- 4. But the VHF Team got some of that back by bettering their 2024 effort by 19 QSOs and 37 points.
- 5. Ultimately, it would come down to the GOTA Team ... and the number of times they could

score their powerful bonus of 5 points per QSO. Last year our 20 GOTA members made 871 Q's for 4,355 points. This year we had only 10 GOTA ops – but they knocked it out of the park with 926 Q's and and nearly 400 more total points than in 2024!

That gave us a final submitted score of (drum roll, please) ... 20,272!

Assuming the ARRL doesn't find some reason to change our score, that's only 643 points below our 2024 total – pretty amazing under the circumstances.

So where did we finish in the standings? We won't officially know until November, but based on other team scores reported online, we think we've achieved a repeat of 3rd place overall and our third straight Class 4A championship!

Finally, for anyone who's curious, we compiled a grand total of 4,726 QSOs compared to 5,063 last year.

Hopefully we'll be celebrating another 3rd place showing in about two-and-a-half months. But regardless of where we finish, I couldn't be prouder of this team.

Huge thanks to every member of our crew for pulling together and delivering a performance that keeps Indy United among the elite Field Day squads of North America. And remember, our team includes not only the on-air ops, but everyone who helped in other valuable ways, such as loaning us equipment, donating to the cause, and assisting with set-up and takedown.

I'll be in touch again when the ARRL publishes its official results, if not sooner. I hope to have some individual accolades to hand out at that time.

Field Day 2026 is June 27-28. Mark your calendars now.

73, Brian, W9IND Field Day Chairman, Indy United Amateur Radio Club

HURRICANE WATCH NET MARKS 60 YEARS OF SERVICE

This Labor Day weekend, the <u>Hurricane Watch Net (HWN)</u> celebrates its 60th anniversary of providing critical communications support to the <u>National Hurricane Center (NHC)</u> and communities impacted by hurricanes.

As Hurricane Betsy was pummeling the Caribbean on Labor Day weekend 1965, a ham radio operator started hearing calls for information from operators in the Bahamas. Jerry Murphy, K8YUW, sprang into action. He began relaying surface data and storm conditions to help those in the path.

That first net paved the way for what would become the Hurricane Watch Net.

HWN has been active for 156 landfalling hurricanes, including 60 major hurricanes (Category 3 or stronger). Of those, 12 struck as Category 5 hurricanes. The net's longest continuous activation occurred during Hurricane Matthew in 2016, when operators remained on the air for 151 hours straight. Among the deadliest storms ever recorded by the net was Hurricane Mitch in 1998, which claimed more than 11,000 lives in Central America.

<u>HWN operates</u> on 14.325 MHz and 7.268 MHz, often simultaneously, with net control stations strategically positioned throughout the region to maximize coverage.

"The Hurricane Watch Net continues to serve the public interest by helping save lives during hurricanes. We are proud to carry forward the vision of our founder, Jerry Murphy, who passed earlier this year at age 88," said HWN Manager Bobby Graves, KB5HAV.

For more information about the HWN, or to get involved as a volunteer, visit www.hwn.org.

RESILIENCE THROUGH AMATEUR RADIO FOR NATIONAL PREPAREDNESS MONTH 2025

September is <u>National Preparedness Month</u>, 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."

Amateur radio is a valuable resource for communication and community service before and during times of crisis, and can be a significant factor in your home's level of preparedness.

"Now is the time to make sure everything is in order," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. For hams, it means taking the time to check their equipment – from the ground to the antenna, so that it is ready. "Many hams already participate in daily, weekly, and monthly nets that help them hone their communication skills, but if you're not already active in one, this could be a good opportunity to get into it," said Johnston.

To extend your personal preparedness into helping provide community resilience, Johnston invites operators to become active in their local <u>ARRL Amateur Radio Emergency Service®</u> (ARES®) activities. "ARES has been leveraging the utility value of the Amateur Radio Service for 90 years," he said. "We saw last year during Hurricane Helene how vital of a lifeline ham radio operators were for the affected areas."

The National Oceanic and Atmospheric Administration (NOAA) <u>is predicting an above-normal 2025 Atlantic hurricane season</u>.

Hurricane Watch Net (HWN) Manager Bobby Graves, KB5HAV, says that should motivate hams, but not scare them. "Never let your guard down," said Graves. "Don't live your life in fear, just be aware." Graves added that his net operators are spread across the Western Hemisphere, but they still have training sessions via radio nets and Zoom meetings.

SEE MORE ON ARRL NEWS:

National Preparedness Month - Have a Go Kit

National Preparedness Month - Ensuring Family Safety

National Preparedness Month - Station Readiness

National Preparedness Month - Get Inv

FCC BATCH FILING SYSTEM RESTORED

On Friday, August 29, 2025, the FCC's Electronic Batch Filing (EBF) system was restored. This system is used by all Volunteer Examiner Coordinator (VEC) organizations to file exam sessions, individual license applications, and club license applications.

ARRL VEC staff are working diligently to clear the backlog of approximately 300 sessions and applications before the system's daily scheduled shutdown at 8:00 PM. We expect that all applications received at our office over the past week will be submitted to the FCC and processed within 24 hours.

Some issues remain with both the EBF and the Universal Licensing System (ULS):

- Payment emails: Some applicants have not received the automated FCC email
 requesting payment. Please note that you do not need to wait for this email. Once
 your application appears in the FCC system, you can log into your <u>FCC CORES</u>
 account directly to submit payment. More information on the CORES payment
 system is available here.
- License emails: Some applicants have not received the automated FCC email

containing the link to download their new, upgraded, renewed, or modified license. Instructions for obtaining your official authorization are available here.

ARRL VEC will continue to monitor FCC systems and provide updates as needed.

Original story:

As of Monday morning, August 25, 2025, the FCC's Electronic Batch Filing (EBF) system—used by all VEC organizations to file exam sessions, individual applications, and club license applications—is not processing submissions.

This outage means that applications for new and upgraded licenses, as well as individual and club filings, are not currently being processed or issued.

<u>ARRL VEC</u> alerted FCC staff, who are working to resolve the problem. While the system briefly processed a small number of Monday's submissions on Wednesday, it has since gone down again. Thousands of applications remain pending on the FCC side.

ARRL VEC Manager Maria Somma, AB1FM, reported that the FCC has not provided an estimate on when the system will be restored.

Please check back for updates on the FCC outage as more information becomes available. ARRL

THE BEST OF AMATEUR RADIO HONORED WITH ARRL AWARDS

ARRL honors the work of amateur radio operators who grow the hobby by advancing technology used within, and the operating culture, of the Amateur Radio Service. At the Second Meeting of the ARRL Board of Directors, hams and journalists who have covered amateur radio were honored with awards.

The ARRL Technical Innovation Award is granted annually to individuals who are licensed radio amateurs with accomplishments and contributions which are of the most exemplary nature within the framework of technical research, development, and application of new ideas and future systems in the context of amateur radio activities. The Board bestowed the 2025 ARRL Technical Innovation Award on Matthew Wishek, NBØX, for his work on development of Opulent Voice Minimum Shift Keying transceiver implementation, and "modem module" architecture.

The ARRL Technical Service Award is given annually to individuals who are licensed radio amateurs whose service to the amateur community and/or society at large is of the most exemplary nature within the framework of amateur radio technical activities. The 2025 award was issued to Bill Meara, N2CQR, and Dean Souleles, KK4DAS, who have developed and facilitated the "SolderSmoke Direct Conversion Receiver Challenge" education project, which has enabled high school students and many amateur radio operators to construct a working HF receiver.

The ARRL Herb S. Brier Instructor of the Year Award recognizes the very best in amateur radio instruction and recruitment in memory of Herb S. Brier, W9AD (SK), long-time CQ Novice Editor, who represented the spirit of effective, caring, amateur radio instruction. The 2025 ARRL Herb S. Brier Instructor of the Year Award was awarded to Dennis Simon, KB7UTV.

The ARRL Hiram Percy Maxim Memorial Award is given annually to a licensed radio amateur under the age of 21 whose accomplishments and contributions to both the community of amateur radio and the local community are of the most exemplary nature. Alexia Snethen, KM6LGG, received the 2025 ARRL Hiram Percy Maxim Award. She also is the recipient of the <u>ARRL Foundation Goldfarb Memorial Scholarship</u>.

The Philip J. McGan Silver Antenna Award is given to a licensed radio amateur for volunteer public relations efforts on behalf of amateur radio who best exemplifies the public relations

efforts of Philip J. McGan, WA2MBQ (SK). The 2025 awardee is Micah Martin, KN6VUT, of California, who has been recognized by his peers for his exemplary service in the <u>Tehachapi Amateur Radio Association</u> (TARA) as the club's Public Information Officer (PIO), leading to a 59% increase in club membership and nearly tripling the number of license applicants in the area.

The Bill Leonard Professional Media Award pays tribute to late CBS News President Bill Leonard, W2SKE, by recognizing professional journalists whose outstanding coverage highlights the enjoyment, importance, and public service value the amateur radio service has to offer. The 2025 award for print reporting was given to Makena Kelly and Dell Cameron of WIRED for their article, "Through Hurricanes Helene and Milton, Amateur Radio Triumphs When All Else Fails®". The award for video reporting was bestowed upon NBC TODAY Correspondent Harry Smith for his report, "Meet the students using radio waves to contact the ISS".

More information about ARRL awards, along with nomination instructions, can be <u>found on the ARRL website</u>.

HAMS PREPARE FOR FORECASTED BUSY HURRICANE SEASON

The 2025 hurricane season has been underway for almost two months and there has been activity on the both the Atlantic and Pacific Oceans.

The National Oceanic and Atmospheric Administration (NOAA) <u>predicted in June</u> there would be 13 to 18 named storms, 5 to 9 hurricanes, and 2 to 5 major hurricanes (Category 3 or greater) for the 2025 season. This aligns with Colorado State University's forecast for 17 named storms, 9 hurricanes, and 4 major hurricanes, supported by warm Atlantic sea surface temperatures. All indications point to an above average season.

Tropical Storm Chantal made landfall in the Carolinas with high winds and fooding in July. Now, Tropical Storm Erin has formed in the central Atlantic and is moving west with 45 mile-per-hour winds. Erin is expected to become the first hurricane of the season by tomorrow, August 15. Josh Johnston, KE5MHV, ARRL Director of Emergency Management, said that Erin is expected to stay mainly off the coast but there may some impact to the Caribbean, including Puerto Rico and the US Virgin Islands.

"These early storms remind us that now is the right time for amateur radio operators to begin thinking how they can help, if and when these storms begin to ramp up and cause damage," said Johnston. "We know that conventional communications can fail, and amateur radio will be there is to fill gap."

Johnston added that hams should check their equipment including radios, antennas, and power supplies, and know the emergency frequencies used during activation. The <u>VoIP Hurricane Prep Net</u> now runs weekly on Saturdays at 8 PM EDT / 0000 UTC, an active forum for situational updates, net control recruitment, and emergency coordination. The <u>Hurricane Watch Net</u> keeps tabs on tropical storms and hurricanes and activates its nets on 14.325 MHz (USB) by day and 7.268 MHz (LSB) by night.

"What amateur radio operators do now to prepare for these dangerous and damaging storms will make a difference," noted Johnston, "and help save lives." Information about the ARRL Amateur Radio Emergency Service® (ARES®) and how you can be active in your local area can be found at www.arrl.org/ares.

YOUTH INVOLVEMENT A CORE PART OF SOUTH GEORGIA DXPEDITION -

The planned DXpedition for South Georgia Island in March of 2027 isn't just about activating one of the rarest and more challenging sites for portable amateur radio. A central focus for the team will be its role in mentoring the young radio amateurs who will be accompanying the more experienced operators to the sub-Antarctic island. The team, using the callsign VPØSG, is giving these youngsters top priority.

Project team leader Rune, LA7THA, told Newsline in an email that one or two licensed young operators are expected to be part of the operations on the island. He said: "They will be involved in every phase of the expedition - from setup and daily operations to teardown - working alongside veteran DXpeditioners in challenging real-world conditions." He said the team is working closely with NCDXF on this initiative, which is in sync with so many amateur radio youth engagement activities around the world.

Meanwhile, there is much work to be done regarding this environmentally sensitive DX entity with its mountainous landscape and volatile weather patterns. The shore camp will have five operating positions but details still remain unclear on any additional stations that are capable of being operated remotely. Rune said that final team composition and operating plans also need to be fine-tuned.

The DXpedition fulfills the mission of the Norway-based Amateur Radio DXpeditions, which devotes itself to giving hams around the world a chance to contact remote parts of the globe.

- Newsline VK2LAW

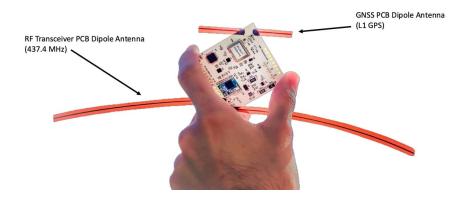
TEENY SATS SET SAIL

The Cornell University Amateur Radio Club received WY9XXA for its sail-equipped Alpha Cubesat mission, scheduled for launch to the International Space Station (ISS) later this month on Commercial Resupply Mission NG-23 and then deployed by ISS astronauts using a robotic mechanism.

While the ham club owns and operates the spacecraft, it is licensed in the Experimental Radio Service and is not an amateur radio station.

The goal of the Alpha mission is to demonstrate a lightsail in orbit, verifying its mechanical properties. The lightsail is made of a <u>retroreflective material</u> used in road signage. Folded inside the CubeSat, when deployed the sail unfurls via a shape-memory alloy frame.

Four gram-scale, solar-powered <u>ChipSat</u> satellites are mounted to the sail. They will downlink telemetry at 437.4 MHz on orbital position and attitude kinematics to ground stations around the world.



ChipSat with antennas

"Due to the atmospheric drag at ISS orbit altitude, the ChipSat-sail will deorbit within 48 hours of commanded sail deployment," Cornell's <u>Joshua Umansky-Castro</u> told us. "With such a short time window to achieve the technology demonstration goal of a ChipSat-to-ground comms link, we need as many listeners as possible," he said. The satellites will be registered on <u>TinyGS</u>, a globally distributed open-source network of ground stations. Build a tiny ground station https://tinygs.com/ – Experimental Radio News 13

NEW ARRL BOOK RELEASE: STEALTH ANTENNAS FOR HAM RADIO

Stealth Antennas for Ham Radio is full of antennas to get you on the air no matter where you live. Even radio amateurs who live with antenna restrictions or covenant limitations will find solutions in this book. Learn how to install a multiband vertical that looks like a flagpole, or how to run an end-fed random wire along your roof, so the neighbors never notice. If you are looking for an invisible repeater connection, try the Ham Walking Stick. If you want five bands but cannot put wires in trees or display anything even remotely antenna-like, try the Compact Stealth Inverted L.

Stealth Antennas for Ham Radio will also help hams who want to stay unnoticed by neighbors. There are ideas for small lots, covenant-restricted properties, and many other living situations. Steve Ford, WB8IMY, kicks off the collection with safe, effective, and ethical stealth operation. "Stealth operating can be highly rewarding if you understand your limitations and work to alleviate them as much as possible" Ford says.

Try out these 28 unobtrusive stealth antennas today!

Stealth Antennas for Ham Radio is now shipping. Order from the ARRL online store or find an ARRL publication dealer; ARRL Item No. 2288, ISBN: 978-1-62595-228-8, \$22.95 retail, member price \$19.95. For additional questions or ordering, call 1-888-277-5289 toll-free in the US, Monday through Thursday 8 AM to 7 PM, and Friday 8 AM to 5 PM, Eastern Time. Outside the US, call (860) 594-0200.

SHORTS

ARES SIMULATED EMERGENCY TEST -- The Indiana Amateur Radio Emergency Service team is planning their Simulated Emergency Test (SET) for October 11. During this SET, ARES teams across the state will practice communications for a simulated emergency in their county plus communications with district and section leadership. Coordinate with your ARES Emergency Coordinator to find out how you can participate in the SET. You can find a copy of the plan at: https://inarrl.org/emcomm/2025-simulated-emergency-test

License plates == Several hams have talked to me recently about Indiana's amateur radio callsign license plates. There seem to be two lines of thinking:

- 1.Indiana hams would like for the Indiana BMV to make the amateur radio plate more distinctive. The current plate is just a regular Indiana plate with your callsign and no indication that you have your amateur radio license.
- 2. Indiana hams would like to use Indiana's new "blackout" plate for their callsign plate.

What are your thoughts? Would you like to see a more distinctive Indiana amateur radio plate? Would you like to use the "blackout" plate? I can't make any guarantees that we can influence state government, but please let me know. – ARRL Indiana Section Manager: Robert L Burns, AK9R – ak9r@arrl.org

AST SPACEMOBILE SATELLITE FACES LAUNCH DELAYS -- The US mobile broadband provider that hopes to use amateur radio frequencies to support its planned satellite-based network has rolled back the date for the launch of its prototype satellite. This is the second delay by AST SpaceMobile, which had originally hoped to launch the satellite, known as FM1, in August and first postponed it to October or November. India's space agency, ISRO, confirmed the delay in a press conference with local Indian media, adding that FM1 would likely not launch until the first quarter of 2026. FM1, which has a phased-array antenna, is designed to function as a cell tower from space.

The announcement comes barely a week after the company said it expects to launch between 45 and 60 satellites by next year.

No reason was given for the postponement, which was reported on the PCMag website. AST SpaceMobile is building its network in partnership with Verizon and AT&T and is considered a rival to Starlink services which are partnered with T-Mobile.

Texas-based AST SpaceMobile has asked the FCC to authorize its network's use of amateur radio frequencies between 430 and 440 MHz - a request that has drawn challenges from the amateur radio community. In July, the FCC assigned FM1 the callsign WP2XRX, which expires on July 1st, 2027. Its license authorizes experimental operation for mobile satellite services only on 37.5 to 42 GHz, and 2.235 GHz and 2.245 GHz. – Newsline KCØDGY.

NASA TOLD TO END GREENHOUSE-GAS TRACKING SATELLITE MISSION – In the US, the White House has told NASA employees to end two widely used, state-of-the art satellite missions that keep a watchful eye on greenhouse gases heating up the Earth. The satellites, known as Orbiting Carbon Observatories, are the federal government's only ones of their kind and are relied upon by farmers, scientists and the nation's oil and gas companies to keep track of atmospheric carbon dioxide.

In a post on NASA's Jet Propulsion Laboratory website dated the 15th of August, the agency said the 10-year-old mission is viewed as [quote]: the gold standard for carbon dioxide measurements from space and has quietly become a powerful driver of technological, ecological and even economic progress." [endquote]

Recent media reports about the directive have said no reason has been given for the terminations, which would destroy one of the satellites and its sensitive instruments because the spacecraft would burn up on re-entry to the Earth's atmosphere. The other satellite is attached to the International Space Station. --Newsline N3ILS.

EMERGENCY-ALERT GRANTS TO EXCLUDE PUBLIC RADIO – An updated emergency-alert system to be rolled out in the United States will exclude funding for it at public radio stations. The Corporation for Public Broadcasting, which faces closure at the end of next month after its own defunding, has told member stations that applied to its warning-system grant program that there is no money for them.

In an August 18th email, the corporation's CEO Kathy Merritt wrote: "CPB is deeply disappointed that critical equipment intended to protect the American public in times of emergencies will go unpurchased. She said, however, the Corporation for Public Broadcasting had no choice.

The nation's emergency-alert system, which delivers public-safety traffic when severe weather or other threats are imminent, has been under review by the Federal Communications Commission. – Newsline

LOOKING BACK — Experimental Radio News [https://www.experimentalradio.news/] It's been one year since the last FCC filing by the Shortwave Modernization Coalition, which seeks "Twenty-First Century use cases", namely, high-frequency stations sending trading commands to foreign exchanges (see ERN #9). The FCC has not acted on the proposal, which received nearly 1000 filings in response. --ERN #13

THANKS FOR READING

THE RCA ARC MONTHLY NEWSLETTER IS COMPILED AND EDITED BY JIM RINEHART, K9RU AND JIM KEETH, AF9A. ALL MATERIAL CONTAINED HEREIN IS OBTAINED FROM THE SOURCES CREDITED AND EDITED FOR THIS NEWSLETTER.