Old Barney Amateur Radio Club

October 2021

The Old Barney Beacon

GOING TO THE MOVIES

This month's feature starts on the next page. Because I wanted to show the story exactly as I received it which are images of the pages from CQ magazine.

The story by Bob Schenck, N2oo is about how he along with John Dilks, K2TQN and John's son Jeff aided in the production of the movie staring Harrison Ford and Liam Hemsworth.

Bob, John and Jeff were asked to supply radios to be used in the film.

Thank you Bob for sharing this story with us and congratulations on an accomplishment most of us would love to achieve.

PLEASE NOTE: THE ARTICLE IS REPRINTED WITH PERMISSION OF CQ COMMUNICATIONS INC



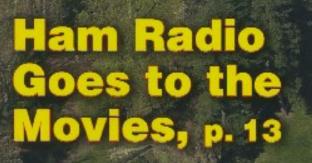
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http://www.cq-amateur-radio.com





Revised CQWW Contest Rules, p. 40 Wilderness Protocol 2.0, p. 56



CQ WW RTTY DX Contest September 28-29 On the cover: Liam Hemsworth (L), Harrison Ford (R), this mansion and ham radio all are featured in the new movie, "Paranoia." Details on page 4; story on page 13, Ham radio plays a role in Harrison Ford's new movie "Paranoia," which opened last month. N2OO was part of the action and takes us behind the scenes.

Ham Radio Goes to the Movies

ave you ever gotten an e-mail that you thought might be a spoof? Well, in early August of 2012, I got this one:

Bob,

I'm working with a property manager for a new movie with Harrison Ford, where he is a ham. Initially they wanted vintage radios, now this morning I hear they also want a new high-end radio. Sorry to say I don't have these.

Do you have something new and high-end that would look good in a movie? They will need it for a couple of days mid-month. They are shooting near Philadelphia.

Now, I checked to be sure this wasn't coming from a SPAM house in Nigeria. Nope. Not even close. It was from John Dilks, K2TQN! This is real?! What followed was a surreal experience for me, for John, and for John's son Jeff.

*<n2oo@comcast.net>

BY BOB SCHENCK,* N2OO



Photo A– Liam Hemsworth (L) and Harrison Ford (R)—along with Ford's character's ham radio station—on the set of "Paranoia," released in August. (Photo by Peter Iovino, courtesy of Relativity Media; copyright 2012 Paranoia Acquisitions LLC. All rights reserved.)



Photo B– Aerial view of the mansion outside Philadelphia where filming took place. (Photo courtesy of Pictometry International)

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Photo C– Front of mansion. Moving trucks were there to store the real owners' furniture during the shoot. (Photo by K2TQN)

So, you need a high-end radio for a Harrison Ford movie (photo A)? I have an Elecraft K3 which (at least in my view) is a high-end radio, but it does not really look like a high-end radio. Right away, I think about a Yaesu, since their high-end radios usually have lots of knobs and lights. Just what a movie scene would like, I figure. At first, I offer up the South Jersey DX Association's FT-1000MKV. It looks nice enough for a movie, but I worry it is not "high-end" enough. So I fire off an email to my friend Dennis Motschenbacher, K7BV, at Yaesu. "Can you lend me an FT-DX5000 for a Harrison Ford movie shoot? I need it next week.'

Dennis' response was fast. Yes, we can pull one from our convention schedule. "Dennis, we'll need a microphone and the station monitor SM-5000 for full effect," I added. "No problem" he says.

The radio is shipped to arrive several days before the shoot is scheduled. Plenty of time? Sure. The microphone arrives first, then the radio. But no SM-5000 yet. Dennis says it will arrive on Monday. OK, we're good. Well, at least until the movie folks contact John and ask us to come on Monday to help "place" the radios into the set. So, no SM-5000. We still have the FT-DX5000 and microphone.

So, I pack up the 5000, the FT-



Photo D– Workers remove owners' furniture for safekeeping during filming. (Photo by N2OO)

1000MKV, my own FT-450, a couple of telegraph keys and a dummy load so they can "talk" with zero output and still look "real" if they so desire. John packs up his Ford Flex with tons of vintage radios.

The scene was being filmed at a mansion outside of Philadelphia (photo B). We are given the address and off we go bright and early Monday morning. I arrive first and call the property master, who says that he will meet me down the street from the entrance to the mansion in about ten minutes. John is about an hour behind me. I wait and, sure enough, along comes a minivan with Missouri license plates... "Bob? That you?" Yes! "OK, follow me in."

Up until this point, I was still not 100% sure that I wasn't being spoofed! After all, a movie set at a mansion with Harrison Ford!? I was about to find out that this was no fantasy. No spoof. It was real.

As I drive down a private road, we turn into a driveway with a guard stationed at the entrance. The property master chats with him, and I am flagged in. I turn a small bend and head right down the main driveway of a very old, very large mansion. There are some large trucks parked in front (photo C). I am told to pull up to the side. I shake hands with the property master and we chat about the equipment and how to bring it in. I start to bring my three boxes of gear into the sitting room of the mansion. I am told that the three paintings in this room are valued in the range of \$10 million and to keep my distance from them! Soon afterwards, John and Jeff arrive. They go through the same routine. There are union "moving" people on hand to assist with bringing in our gear. Everything is placed on or under folding tables in the sitting room.

On the Set

We are now shown the room where the actual scene will shoot. It is in the "study" right off the sitting room. It is a large room with floor-to-ceiling bookcases, and some very old (and valuable) furniture. We now see the challenge of how we will be setting up these radios in the set. But first... there will be furniture to move! For the next several hours, we watch as "movers" remove and shrink-wrap the real owners' furniture (photo D), and place it into empty trucks. Then, furniture for the movie was brought in from a local "antique" furniture store. This was furniture that nobody would cry over getting scratched. Movers were also placing cardboard on all the floors, and as a barrier to keep people from getting too close to the wood and artwork on the walls.

John, Jeff, and I stayed outside while all this was going on inside. There were no places to sit outside. But we did find a small brick wall about six feet long where we could "lean." After what seemed like hours, we decided to just walk back in to see what was happening. We found that a lady apparently in charge of "background" for the set was beginning to place radios into the study. We introduced ourselves and we were welcomed to help out. John advised on his vintage gear (photo E), and I was asked to set up the FT-DX5000 on a table behind the main study desk (photo F). After some discussion and work, the movers began lugging in the heavy radios and putting them in place on assorted tables and shelves. John and I placed our CW keys right on Harrison Ford's desk.

Once we all felt things were in place, it was time to leave. We were asked to return the following day for final set preparation and to stay for the filming of the scene and provide advice as needed.

More Preparation

The next morning, we each drive the two hours back out to the mansion. This

time, we are told to go to the local high school where the "filming headquarters" is located. One of the security guards remembers me as I drive in and he guides me right to a van that is heading to the set. Just as the van starts to pull out, we get flagged down to wait for another two passengers, and sure enough, in come John and Jeff, who just arrived as well! By now, we are starting to at least feel like VIPs! We are all taken to the set, where we see a lot more activity than we saw the day before. There are trucks, electricians, sound people, cables, large light diffusion screens, a commissary set up in the large garage, canopies, etc. Now, I finally know 100 percent that this is for real.

In the front of the mansion, we see about a dozen high-end cars. Bentley, Morgan, Mercedes, two Ferraris, Jaguar XKE, Aston Martin ... all lined up with drivers. All the while, we are still just "hanging out" under a canopy right outside the front door of the mansion. Soon, two monitors as well as several director chairs are set up right in front of us. We wander over to the commissary for some breakfast snacks and coffee from time to time while we wait. And, we occasionally chat with the property master, who is running around looking quite busy and intense. Finally, in drives a big SUV and out pops Harrison Ford. He looks like a man on a mission, checking out things here and there. Then he goes inside the mansion.

After a while, the property master comes out and tells us that Ford has had the new radios removed from the set. He wants to go with vintage radios only. I feel very disappointed. We go inside to assist. All of the new equipment had been removed and "taken away" for safe keeping. They want more vintage gear brought in. John shows them everything he brought and the movers start to bring it into the study. John helps to direct the placement of the vintage radios. I place my Vibroplex Presentation gold semiautomatic key dead center at the front of Harrison Ford's desk and my Russian Key8 on the table behind the desk. John places two keys he brought on the desk as well. After everyone is satisfied, we head outside again.

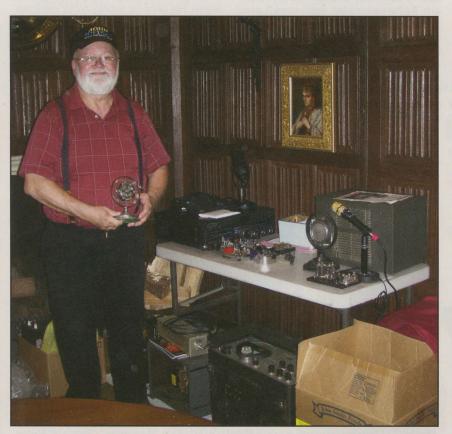


Photo E– John Dilks, K2TQN, and his Hallicrafters SX-23 with matching speaker. This radio was used in the filming. (Photo by KB2CIX)

About the Movie... PARANOIA Release: August 16, 2013

Director: Robert Luketic Writers: Screenplay by Jason Hall, Michael Tolkin and Barry L. Levy, based on the novel by Joseph Finder.

Cast: Liam Hemsworth, Gary Oldman, Amber Heard, Harrison Ford, Lucas Till, Embeth Davidtz, Julian McMahon, Josh Holloway, Richard Dreyfuss, Angela Sarafyan

Producer: Alexandra Milchan, Scott Lambert, William D. Johnson and Deepak Nayar (credits not final)

Executive Producers: Stuart Ford, Sam Englebardt, Douglas Urbanski, Christophe Riandee, Sidonie Dumas, William S. Beasley, Ryan Kavanaugh and Tucker Tooley (credits not final)

Synopsis: The high stakes thriller "Paranoia" takes us deep behind the scenes of global success to a deadly world of greed and deception. The two most powerful tech billionaires in the world (Harrison Ford and Gary Oldman) are bitter rivals with a complicated past who will stop at nothing to destroy each other. A young superstar (Liam Hemsworth), seduced by unlimited wealth and power, falls between them and becomes trapped in the middle of the twists and turns of their lifeand-death game of corporate espionage. By the time he realizes his life is in danger, he is in far too deep and knows far too much for them to let him walk away.

(Courtesy Relativity Media)

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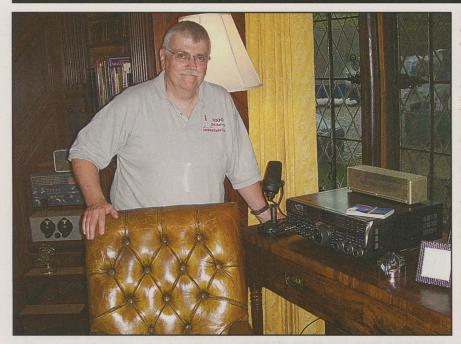


Photo F– Author Bob Schenck, N2OO with the FT-DX5000 on Jock Goddard's desk. This radio ultimately was not used in the scene. (Photo by K2TQN)

We are asked to come with the property master for lunch. We get into the van and head back to the high school. The cafeteria is set up for the movie people, and there must have been over 50 people—all involved in the movie—there having lunch. As we enter, a young lady says that it is director Robert Luketic's birthday and we all sing "Happy Birthday" to him! The food is nothing short of amazing. Definitely *not* high school cafeteria food! We sit down at a table to eat and Gary Oldman (one of the actors in this movie) sits right behind us. The director is sitting two tables away.

Time for the Shoot

After lunch, we head back to the set in the van. Upon arriving, the property master notices that John is having trouble with his back from all of the standing. So, he gives him a "guest" director chair and sets it up right in front of the monitors. Finally, the study scene is ready to start. Everyone is told to be quiet. We look at the monitors and watch Harrison Ford and Liam Hemsworth (photo G) film the scene. Over and over for the next couple of hours, from different angles, we watch the scene. By the end of the day, we know the words as well as the actors do. The scene is about four minutes long. It took over five hours to film it.

The best part... Along about midway into the filming, the actors take a break while the cameras are being rearranged.

Harrison Ford comes outside, walks right in front of us and nods his head at us. He obviously doesn't know who we are. As he passes by, John says "Loved It!" Ford says "thanks," turns around and continues walking away. (In an instant, I thought that *this* was our opportunity to actually talk with him). I blurt out, "We're the ham radio guys." Harrison Ford stops dead in his tracks, turns around and comes all the way back to us. He shakes our hands and thanks us for all of our help! Jeff asks for an autograph and is obliged. Jeff also gives him an extra copy of a photo of his son dressed in an Indiana Jones outfit for Halloween, and Ford cordially accepts it. He thanks us again and heads towards the commissary. I again blurt out, "Thanks for using the words 'ham radio' and 'amateur radio' in the scene!" He again turns around and says that he was trying to make sure that he got them in as much as possible. Then he smiles again and actually walks away.

The Adventure Ends

So, finally as it grows dark outside, the people begin to filter out. We retrieve our vehicles from the high school and park them out front of the mansion. But we have to stay until all of the filming is completed so we could then go in and remove all of our radio gear (with the help of the "mover" people). Finally, it's a wrap and we're told that it is time to remove our gear. We go right into the study inside the mansion one last time to remove the gear. With most of the gear removed, we sit on the tailgates of our vehicles waiting to get the last of our equipment. Harrison Ford then comes out and starts to get into his SUV to leave. He sees us sitting in our vehicles and leans back out, waves and says, "Thanks, guys," one last time. Mr. Ford is a genuine guy. I only wish we had more time to chat with him! Finally we pack in the last items and head home. What a surreal experience!

So, what did I do over the summer last year? I worked on a Harrison Ford movie!



Photo G–Liam Hemsworth stars in Relativity Media's "Paranoia." (Photo by Peter lovino, courtesy of Relativity Media; copyright 2012 Paranoia Acquisitions LLC. All rights reserved.)



VOTE ON BY-LAW CHANGES

A reminder to everyone that at the November meeting we will be voting on two important By-Law changes.

The first change is adding the section on "Dissolution."

The second change will be to "Schedule 1" which will change the cost of dues going forward.

If you would like to review these changes I have posted them in the members only section of our web site under Documents -> Governance.

Our next meeting will be on Wednesday, November 3, 2021 at the Stafford Community Center.

VE CORNER

There was no VE session in October.

VE sessions are held Wed nights before the meeting at the community center at 6pm.

If you are looking to upgrade your license or you know someone who needs a session please contact Rick at <u>n2rpg@arrl.net.</u>

TECHNICIAN LICENSE TRAINING COURSE ADDED TO ARRL'S YOU TUBE CHANNEL

(AS POSTED ON THE ARRL WEB PAGE 10/20/2021)

ARRL's YouTube channel, *ARRLHQ*, has launched a series of amateur radio Technician-class license courses. This series of videos features Dave Casler, KEOOG, *QST's* "Ask Dave" columnist, who leads viewers through <u>The ARRL Ham Radio License Manual</u>.

These videos supplement the manual and provide an overview of the sections you'll be studying, along with a few videos on how things work. Share this excellent resource with those who are preparing to take their Technician exam, and visit the <u>ARRLHQ YouTube channel</u> for more great amateur radio videos.

2021 ARRL CONTESTS

EME 50 to 1296 MHz—Wknd 2 TBD Nov Sweepstakes—CW Nov Sweepstakes—Phone Nov 20-21 EME 50 to 1296 MHz—Wknd 3 TBD 160 Meter Dec 3-5 10 Meter Dec 11-12 Rookie Roundup—CW Dec 19

SOUTHERN REGIONAL HIGH SCHOOL IS BACK IN SES-SION AND THE RADIO CLUB POWERS UP AGAIN! -

By Cheryl Conley, W1CLC

September is always full speed ahead. October is when you realize you haven't taken a full breath in a month. Who has time for that? Amid the fall academic blizzard, the students have been able to keep the spotlight on the club. It started with a push during Freshman Orientation, promoting the club to the incoming class.

We have so far hosted two meetings. Typically, our meetings only run from 2:15 to 3pm, so the students can catch the bus. The compressed time period makes it difficult to get lucky enough to break through a log jam or call CQ with a successful return, all the while allotting time for each student to work the radio. We decided this year that we will host a few longer meetings until 4pm where possible. The only thing that keeps us from making it every meeting is the poor dog at home.

Well, the extended meeting was a hit. We had the largest group we've ever had, and it took all nine of them listening intently to make out some of those call signs. It was a group effort and good practice for getting our radio ears on. With Bob Wick's expertise, every student was able to make at least one contact, one even as far away as Spain. The students were feeling accomplished. They plotted each contact on the map and will send QSL cards soon.

Currently, we have two students studying for the exam and one of those is eagerly practicing Morse code using a donated practice oscillator. We've made room for all of the ARRL Handbooks that were won at the auction. We will operate the radios again on 11/18 from 2:15 to 3pm. Look out for us on 20 meters.



SNJ ANNUAL SIMULATED EMERGENCY TEST (SET) A SUC-CESS

On October 2, 2021 members of the Southern NJ Section's ARES/RACES teams participated in the annual Simulated Emergency Test exercise. The purpose of the event is to test response to different potential situations that may arise. It is an exercise to determine what may and may not work in these situations as well as an activity that sparks new innovative ideas on how to handle the emergency.

The SET is developed by the Section Emergency Coordinator, Tom Devine, WB2ALJ. This year the scenario was a Geomagnetic disturbance. Such an event could interfere with our electrical infrastructure and also the ability to transmit and receive in certain parts of the radio spectrum.

The challenge was to pass messages between the different county groups in spite of these problems.

Everyone did an excellent job which made the event a successful operations and learning experience.

"Even if you're on the right track, you'll get run over if you just sit there."- Will Rogers

JOIN US ON THE AIR

Join us for our club net. The net is held every Thursday night at 7:30pm (except holidays and special occasions) on the WU2E repeater.

Every week we host a random topic of discussion.

Find us at: 146.835 (-600) PL 127.3

We look forward to sharing time with you!

For any comments or questions regarding the weekly net please contact Tom Preiser, N2XW at n2xw@arrl.net.

Old Barney would like to thank the 835 users group for allowing us to use the WU2E repeater to host our club nets.

PRESIDENT'S MESSAGE

The leaves are changing to those nice colors before they fall off the trees. The weather is getting colder. The time we got to spend outside this year was terrific considering the "house arrest" most of us were under last year!

It's a great time to dust off the microphones and get on the air if you haven't had much of a chance during the summer.

Our weekly net on Thursdays at 7:30pm is one place you can join in for some friendly conversation.

Each week the net controller poses a question for everyone to consider. It's great to hear everyone's input.

Also now that school is back in session the Southern Regional HS club is back in operation. Keep you eyes open for announcements of when they will be on the air and join them in a QSO. They will love it!

Until next month... N2RPO

OLD BARNEY GEAR

You can find Old Barney Gear at all these places:

Southern Ocean Marine Sportswear (Hats & Jackets Embroidered)

79 South Main Street, Barnegat, NJ 08005 (609) 698-8868 Email: sales@soms4u.com Website: Www.soms4u.com

Café Press (All types of logoed items available)

New Logo Items: <u>https://www.cafepress.com/</u> oldbarneyarcnewlogo Old Logo Items: <u>https://www.cafepress.com/obarc</u>

Gold Medal Ideas (Personalized Old Barney Items)

1160 Thompson Blvd, Buffalo Grove, IL 60089 https://stores.goldmedalideas.com/ygs/Old_Barney-Products/10000170



HAVE YOU JOINED THE MEMBER'S AREA?

The member's area of the OBARC website is being developed to provide useful tools to our members. Currently there is:

- Club Documents & Meeting Minutes
- Swap and Shop Postings (You decide if yours is just for members or the public)
- A "Ask for help/Questions" area to post questions to other members for assistance.
- A members directory for those who want to be listed.

Take a look. Suggestions are welcome! You can request access to the area by going to: <u>www.obarc.org/members</u>

SWAP & SHOP

The new Swap & Shop section is now available in the Members area of the website. In the very near future you will also be able to control your listings and keep them available for the members or have them listed on the public website.

We will also be happy to list any items you would like here in the newsletter. Just send your listings to <u>n2rpq@arrl.net</u> and I will make sure that they are added here.

OUR MEMBERS

Welcome to Our New Members:

November Birthdays:

• 11/5—James Doeren

NEWS FROM AROUND OUR SECTION...



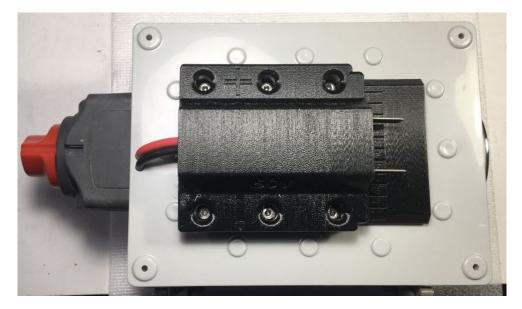
OCEAN COUNTY ARES® NOVEMBER 2021

Here is an idea for a 12 VDC Ham Radio Emergency Power Supply using a portable tool battery. There are many designs and voltages, but for this project I chose an EGO 56 volt battery. Battery adapter plates are available from eBay and Amazon and are designed for just about every battery made. This project uses a design that fits all EGO 56 volt units in 2.5, 5.0, 7.5 and 10.0 amp-hour sizes.



Bottom of box with EGO 2.5 amp-hour, 56 volt battery attached

Continued on Next Page



Bottom of box with battery removed



Bottom Right side of box showing Powerpole outlet and swing locks for battery of box with battery removed

Continued on Next Page

An inexpensive DROK buck voltage regulator board is the heart of the project and easily converts the 56 VDC to 13.8 VDC at 12 amps max. The board contains a small cooling fan, but I added a much larger fan and fan control and can be switched depending on load.

A heavy duty input switch was also added to completely isolate the battery when it is connected to avoid any drain.

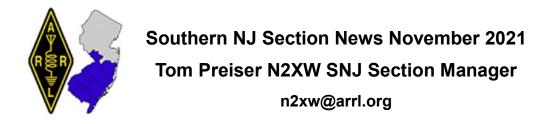


Interior view. Cooling fan blows air down into box.

PARTS LIST

- 1. Battery adapter for EGO 56 V 10 Gauge 2 ft Lithium Output Dock Power Connector
- 2. DC Buck Converter, DROK DC to DC step down power supply module. 10 to 65 volt input. 0 to 60 volt output. 0 to 12 amp adjustable voltage regulator transformer board with LED display.
- 3. Gratury junction box, hinged cover, stainless steel latch, IP67 waterproof plastic enclosure. Includes mounting plate. 11.4" x 7.5" x 5.5"
- 4. Briidea Battery Switch, 12V to 48V battery disconnect, master cutoff switch for RV, ATV, Car, Marine (ON/OFF).
- 5. 72 mm axial fan, 12 VDC with two grills.
- 6. 33 ohm, 5 watt power resistor
- 7. ON/OFF/ON DPDT Heavy Duty switch

The designs for this type of device are unlimited. Use what you have available and customize for your own use. This is just one design which suited my needs and parts that I had available. Put your thinking cap on and good luck!



November looks like a big contest month. The ARRL November Sweepstakes (SS) weekends are coming up shortly. The CW weekend is November 6 - 8, while the phone weekend is November 20 - 22. Both events begin on Saturday at 2100 UTC and conclude on Monday at 0259 UTC.

The SS offers operating categories for every preference. The goal for many seasoned SS operators is to complete a "clean sweep" by contacting all 84 ARRL and Radio Amateurs of Canada (RAC) Sections.

Some Sections are harder to contact than others. Northern Territories (NT) is always a challenge, but there's a slim chance that snagging NT could be easier this year.

Submit your log, no matter how big or small!

Continued on Next Page

All contest participants, whether they are serious contesters or just casual operators, should submit their log to the contest sponsor. Submitting logs assists the contest sponsor with the scoring of the contest, as QSOs are crosschecked against the logs of stations that are worked. Additionally, contest sponsors allocate resources to contests based upon the total number of logs submitted, assisting them in gauging how much activity there is in each event.

If you do make a few casual contacts in a contest, and do not submit a log, the stations you worked will not be penalized. For example, if you made a few contacts in the contest to "hand out points" to other contesters, your QSOs with them would be considered as "unique." Unique's are call signs that appear in only a few logs that were submitted by the stations that worked you.

Lastly, you might be surprised at how well you might do in a contest, even if your QSO count is low.

East Coast Amateur Radio Service Offers Support for Amateur Radio-Related Initiatives

The East Coast Amateur Radio Service, Inc (ECARS) has announced that it can provide financial support for worthy amateur radio related initiatives.

"The focus of this grant program is to support amateur radio and other non-profit organizations with programs to educate, license and otherwise support amateur radio activities — with emphasis on youth-based projects," ECARS said.

ECARS routinely supports scholarship grants through the ARRL Foundation and has awarded other grants to organizations for youth programs or for emergency assistance. "We actually get far fewer requests than we have expected from this program," said ECARS President Vic Klein, WA4THR.

Information on applying for an ECARS grant is on the organization's website. Preference is also given to requests that benefit the ECARS service area and to groups IRS 501(c)(3) tax-exempt organizations.

Grant funds are budgeted for this purpose each year from the ECARS general operating funds or from donations specifically earmarked for the grant fund. The Board of Directors reviews applications quarterly, with awards announced in the first month of the next quarter. Evaluation of received grant applications is scheduled for March 15, June 15, September 15, and December 15.

Organizations selected will receive a check that is to be applied toward the purpose described in the application, with a report to follow to ECARS that indicates how the funds were used and the results of the program. Photos are welcome, and ECARS will assume that they represent authorization to publish.

WSJT-X Version 2.5.1 has been Released

The WSJT-X development team has announced the general availability release of WSJT-X version 2.5.1. This release mainly contains improvements and repairs defects related to Q65 and JT65 when used with nonstandard and compound call signs. Those planning to use Q65 or JT65 to make weak-signal contacts involving a nonstandard call sign should upgrade to this version. Also included is a new feature for microwave aircraft scatter, as well as repairs for bugs detected since the general availability release of version 2.5.0.

WHO IS OLD BARNEY?

The Old Barney Amateur Radio Club (OBARC) was established in 1975 by a diverse group of individuals with a common goal of promoting Amateur Radio.

Today the group continues towards making the amateur radio hobby rewarding through participation in several events throughout the year, training sessions, VE testing and monthly meetings.

Our meetings are held at the <u>Ocean Acres Community Cen-</u> <u>ter</u>, 489 Nautilus Blvd, Manahawkin, NJ 08050*, beginning at 7:00pm on the first Wednesday of each month (except holidays). We welcome anyone (licensed or not) to come and meet with us to learn more about amateur radio.

SHARE YOUR KNOWLEDGE

The newsletter is open to anyone who would like to submit articles. Please join me in contributing to content and share the knowledge you have about our hobby with all our readers.

Presentations are also welcomed. We try to host a presentation at each monthly meeting covering different topics. We would even welcome "special" sessions via Zoom for presentations that are too long to host at a meeting.

Please contact me at <u>n2rpq@arrl.net</u> with any articles or to arrange a presentation.

THE OLD BARNEY RADIO CLUB IS ARRL AFFILIATED



Visit the ARRL at www.arrl.org

Old Barney Amateur Radio Club

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E-mail: n2ob@arrl.net