

THE PLATTSMOUTH AMATEUR RADIO CLUB

Communicator

September 2022

Simultaneous APRS and Voice Repeater on the International Space Station

(ARRL 08/15/2022) ARISS, Amateur Radio on the International Space Station, announced that simultaneous operations of the ARISS Voice Repeater and digital APRS communications on the Space Station is now a reality. Current ARISS operations include voice repeater transmissions with the JVC Kenwood D710GA in the Columbus module and APRS packet operation from an identical radio in the Service Module (Zvezda). Packet operations are on 145.825 MHz.

The ARISS Russia and USA teams have been working for several weeks to prepare the Service Module radio for APRS operations. ARISS Russia team member Sergey Samburov, RV3DR, led the effort, working with Russian mission controllers and the on-board ISS cosmonauts to configure the Service Module radio for APRS ops. On August 11, final checkouts were completed and the APRS packet mode was switched on for amateur radio use.

ARISS-International Chair Frank Bauer, KA3HDO, said, "Simultaneous operation of APRS and the voice repeater on ISS is transformative for ARISS and represents a key element of our ARISS 2.0 initiative, providing interactive capabilities 24/7 that inspire, engage and educate youth and lifelong learners—especially life-long learning in ham radio operations. ... Our heartfelt thanks to Sergey Samburov, RV3DR, for making this crucial ARISS 2.0 initiative become a reality."

The Columbus Module radio uses the call sign NA1SS and the new Service Module radio uses RS0ISS. Aside from the call signs, the radios are identical and packet operations are the same as before. Hams can use RS0ISS, ARISS, or APRSAT as the packet path. Also, both radios are expected to be on full time, except during educational contacts, EVAs, and dockings or undockings.

You can find operational status and expected downtimes of the ISS radios at <https://www.ariss.org/current-status-of-iss-stations>.

<http://arrl.org/news/simultaneous-aprs-and-voice-repeater-on-the-international-space-station>

MFJ to Celebrate 50th Anniversary

(ARRL 08/12/2022) MFJ Enterprises, an amateur radio electronics manufacturer and retailer, will celebrate 50 years in business this October. Martin Jue, K5FLU, founded the company in 1972 after building a CW filter kit that sold for less

than \$10. Since 1990 the company has made five acquisitions, including Hy-Gain and Cushcraft antennas.

MFJ Customer Services and Public Relations Manager Richard Stubbs says the company continues to grow with the popularity of amateur radio and currently manufactures over 2,000 products. "I've been with the company for 28 years and the numbers are good," said Stubbs. "Amateur radio continues to grow worldwide."

Quite a few of MFJ's employees have worked there for years, such as MFJ Product Representative Phyllis Randle, who will be retiring in September after 45 years with the company. She started working there when she was a teenager in 1977, and she is now the Product Representative for all MFJ dealers.

Jue graduated from Mississippi State University with a bachelor's degree in electrical engineering, and he earned a master's degree in electrical engineering at Georgia Institute of Technology (Georgia Tech). He served as a professor of electrical engineering at Mississippi State University from 1972 until 1979, but abandoned his doctorate in 1977 because of MFJ's growth.

<http://arrl.org/news/mfj-to-celebrate-50th-anniversary>
<https://mfjenterprises.com/>

Automakers Lose in 5.9 GHz Court Battle

(ARnewsline 8/19/22) In a case of use it or lose it for the US auto industry, a federal court in Washington, D.C., has decided against US automakers who had asked the US Federal Communications Commission to restore its previously allocated frequencies on the 5.9 GHz band for use by wireless safety technology known as vehicle-to-vehicle. The court ruled on Friday August 12th that the V2V technology had not been deployed in commercially marketed vehicles and that much of the spectrum was needed for Wi-Fi. In 2020, the FCC reallocated part of the 5.9GHz spectrum from V2V technology so it could be available for unlicensed devices using Wi-Fi.

The court denied the challenge to that reallocation by the Intelligent Transportation Society of America and the American Association of State Highway and Transportation Officials, arguing that the court was unconvinced that sufficient advances had been made in V2V technology. The FCC told the court that 30MHz of spectrum remained available for these so-called intelligent transportation systems and the agency considered that enough.

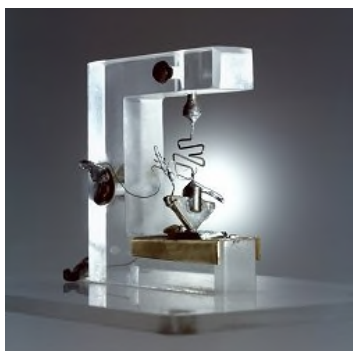
<https://www.arnewsline.org/>

2022 PAID MEMBERSHIP

- AGØL Steve Loyd [E]
- AIØN Chuck Engberg* [E]
- K3CRF..... Dave Smith [E]
- KBØFSI..... Pat McCollum [T]
- KBØLF Fred Eriksen [E]
- KBØOGO..... Roger Behrns* [E]
- KCØHYD..... John Titsworth [G]
- KCØHYE Shirley Titsworth [T]
- KCØYKO..... Nick Jones [E]
- KEØXQ Bill McCollum [E]
- KGØKR..... Beth Engberg* [E]
- KIØPY Kevin Faris [E]
- N5SEZ..... Ray McNally[E]
- N8VCL..... Scott Schreiber [E]
- WØDBW Derek Winterstien [G]
- WØJRN Jim Nelson [E]

**Charter Members #New Ham*

Note: Thanks to all who have paid their dues and many who have given additional donations. All donations are greatly appreciated. Please let me know of any corrections.



(Click on picture to learn more.)

Meetings are 8am the last Saturday of most months at Mom's Café in Plattsmouth.

Tuesday night get-togethers at Plattsmouth Burger King at 6 PM



P.A.R.C. Officers

President

KBØOGO Roger Behrns
rb55930@windstream.net

Vice President

KCØHYD John Titsworth

Secretary

WØDBW..... Derek Winterstien

Treasurer

KIØPY Kevin Faris

Newsletter Editor

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Repeaters:

443.45⁺ is located in downtown Omaha
 443.225⁺ is located in Murray.
 147.48 Simplex is also in Murray.

Web Site

www.kb0smx.com

Maintained by Derek (WØDBW)

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The monthly meeting was held on July 30 at Mom's Café. The meeting was called to order by Vice-President John Titsworth at 8:04 am.

Those in attendance were Kevin (KIØPY), Ray (N5SEZ), John (KCØHYD), Shirley (KCØHYE), Jim (KGØRD) & Monica, Derek (WØDBW), Gary (WØCFC), Scott (N8VCL), and Nick (KCØYKO).

The Minutes of the May meeting were approved on a motion by Ray and second by Scott.

The Treasurer reported no changes keeping a total balance of \$960.75 with \$315 in the repeater fund and \$645.75 in the general fund. The Treasurer's report was approved on a motion by Gary and second by Ray

Ray moved to donate \$50 to the Village of Murray in appreciation of the use of the park for Field Day. Second by John, and was approved.

The meeting adjourned at 8:08 am on a motion by John and second by Gary.



PLATTSMOUTH ARC MEMBERSHIP REGISTRATION FORM					
Name		Call Sign		Class	
Address		City	State	Zip	
E-Mail			Phone #		
Spouse Name		Call Sign		Class	
Membership Type <input type="checkbox"/> Primary(\$15) <input type="checkbox"/> Spouse (\$5) <input type="checkbox"/> Student (\$5) <input type="checkbox"/> New Ham	● Additional donations are gratefully accepted. ● New Hams are free during the year they receive their first license. ● Please give this form and dues to the club treasurer or any club officer.		Donation for: <input type="checkbox"/> Repeater fund <input type="checkbox"/> Insurance <input type="checkbox"/> Other _____ <input type="checkbox"/> General	Amount: <input type="checkbox"/> I prefer my donation to be anonymous.	
Any additional e-mail or cell phone #s?					

Meeting Calendar

8am, Sat August 27, 2022
8am, Sat September 24, 2022
8am, Sat October 29, 2022
at Mom's Café