

Sunday, May 22, 2022

Time	Room	Forum
9:15 – 10:15	Room 1	Bicycle Mobile Hams of America (BMHA) Ride Again
		Moderator: Mike Nickolaus NFØN
		Speakers: Steve D'Amico, and KC8QVO, Mike Nickolaus NFØN
		BMHA started in 1990, with Hartley Alley's presentation of the bicycle ride he made to his 50th high school reunion – a distance of over 1,000 miles. After showing a few of the slides he presented, Steve D'Amico will display his modern high tech bicycle and his radio equipment that he uses on his long-distance rides.
9:15 – 10:20	Room 2	ARRL Radio Club Health Checkup
		Moderator: Mike Walters, W8ZY, ARRL Field Services Manager
		The Amateur Radio Service relies on having vibrant, active, and local radio clubs that are focused on mentoring, engagement, and outreach. Recent ARRL initiatives focus on developing and reinvigorating radio clubs. If your radio club is hungry for new ideas and looking for ways to engage newcomers, you won't want to miss this opportunity to take the ARRL Radio Club Health Checkup. You'll also hear about the new ARRL Foundation Club Grants program, funded by a grant from Amateur Radio Digital Communications (ARDC). Sponsored by ARRL The National Association for Amateur Radio®.
9:15 – 10:15	Room 3	Lightning Protection for Ham Radio Stations
		Moderator: Jim Bacher WB8VSV
		Speakers: Ward Silver, NØAX, and Dr. Al Torres, KP4AQI
		This forum will discuss lightning protection for your ham radio station. It will include lightning characteristics and, tower grounding and bonding to control the lightning current outside. It will also cover grounding and bonding for your radio bench. The forum will end with a 10-minute Q&A session.
9:15 – 10:15	Room 4	Entry-Level Licensing – What's Worked and What Hasn't
		Moderator: Bruce Blain, K1BG
		All of us entered amateur radio in a number of different ways, whether it was the Class-B license of the 30s and 40s, the Novice license of the 50s through the 90s, or the current Technician-class license. Bruce will look at the history of entry-level license requirements and conditions, what's worked and what hasn't, and what it means for attracting youth to the hobby.
10:30 – 11:30	Room 1	Operating Your Station Remotely Using the Internet
		Moderator: Sholto Fisher, K7TMG
		An introduction to the hardware, software, and configuration needed to set up a ham radio station for remote operation using the internet.

10:30 – 11:30	Room 2	How to Comply with the FCC RF Exposure Rules
		Moderator: Ed Hare, W1RFI, ARRL Laboratory Manager
		In May 2021, new FCC rules regarding exposure to RF energy went into effect. The limits haven't changed, but the ways that some amateur operators can determine whether their stations are exempt from evaluations are different. ARRL Lab Manager Ed Hare, W1RFI, will explain the rules, how to evaluate your station, and how to conduct your own evaluation using ARRL's RF Exposure Calculator at www.arrl.org/rf-exposure-calculator .
		Ed has worked at ARRL Headquarters since 1986. He started as the test engineer for "Product Review" in QST, then became ARRL's "RFI guru" (notice his call sign), and now works as ARRL Laboratory Manager. His RFI articles have been published in QST and other ARRL publications, including The ARRL Handbook for Radio Communications, and have appeared in professional trade journals. He represents amateur radio with various industry groups including IEEE and ANSI standards committees. Sponsored by ARRL The National Association for Amateur Radio®
10:30 – 11:30	Room 3	How to Use DIGISONDE® Data
		Moderator: Eric Nichols, KL7AJ
		The worldwide networks of Lowell Digisonde International (LDI) DIGISONDE ionosondes can be a reliable aid for propagation, offering far more timely and meaningful data than solar numbers alone. We'll explain how to read and interpret DIGISONDE data.
10:30 – 11:30	Room 4	3YØJ Bouvet Island DXpedition
		Moderator: Adrian Ciuperca, KO8SCA
		On January 6, 2023, a group of 13 international amateur radio operators will depart the Falkland Islands in South America for a 45-day journey to Bouvet Island. Their goal is to make more than 200,000 contacts using 12 stations, while operating in CW, SSB, RTTY, and FT8. Bouvet Island is a small Norwegian inactive volcanic island that's half the size of Manhattan and covered almost entirely by snow and ice. Because of its remoteness, it has rightfully gained the title of the most remote uninhabited island on Earth. Bouvet Island is number 2 on Club Log's DXCC Most Wanted List making it the "Mount Everest" of DXCC entities. Preparations for this complex endeavor are currently well underway, and the 3YØJ team will provide a status update.