

		PREVIOUS TOPICS AND DATES ARE MOVED TO THE BOTTOM OF THIS CALENDAR
22-Mar	NB70 - Kevin	Best radio practices
29-Mar	ALL	HT accessories - mics, headphones, holders, extra batteries, chargers, what else is out there?
5-Apr		Batteries (in general) - types, charging, care, "best practices" for extending battery life, safety
12-Apr	HARC MEETING	KD7VX - demo "power" with Service Monitor ---- look at others HT accessories
19-Apr	KD7FAU & K7FG	Simplex - long distance opeartion with VHF
26-Apr		COAX --- preferences ... - is buying old okay?
3-May		YAGI Antennas - build options - pvc, tape measure ...
10-May	HARC MEETING	YAGI Antenna DEMO - can someone bring one in to demo?
17-May	K7LW- Lynn	Digital ---- not sure which aspect of digital - or intro - with focus on specific one in future
24-May		
31-May	Holiday	No topic or open mic Q&A
7-Jun		FIELD DAY - what can us "newbies" do to get ready to participate ...
14-Jun	HARC meeting	FIELD DAY PART 2 -
PREVIOUS TOPICS		
1-Mar	KD7FAU - Jon	Preparedness --- to serve others well, you have to make sure your home/family is prepared first
8-Mar	NBYO - Kevin	Considerations for storing Frequencies in your radios
15-Mar	NB70 - Kevin	Factors affecting line of sight range on VHF/UHF

ARES net		ARES / RACES	differences in requirements
ARES net		Net Control Station	Best Practices - formal/informal net / NCS directed net during an actual emergency
ARES net		SKYWARN Net reporting	Best Practices on how to give report - who, what, where, when (be specific)? Tweet, chat?
ARES net		Band Plan overview	Explanation of current band plan
ARES net		911 call	Best Practices on how to report / what Dispatcher wants and does not want you to do
ARES net		ARRL EC-001 - overview and need for this training	covers 28 topics - important take-aways can be summarized in snippets of info - serious ARES members need to take this course
ARES net		FEMA Courses intro	What are they about, why take them, why do served partners want us trained?
ARES net		FEMA IS-100	overview / refresher on points pertinent to ARES
ARES net		FEMA IS-200	overview / refresher on points pertinent to ARES
ARES net		FEMA IS-700	overview / refresher on points pertinent to ARES
ARES net		FEMA IS-800	overview / refresher on points pertinent to ARES
ARES net		Simplex during emergency	Explanation of how this would be conducted
ARES net		Simplex assessment / group formation?	Someone develop & explain how this will look - and we test next net
ARES net		Simplex training during net	Do the training during the ARES Net
		Winlink training at EOC	
ARES net		Scenario - ARES + American Red Cross interview	needs/expectations
ARES net		Scenario - ARES + local hospital interview	needs/expectations
ARES NET		Scenario - ARES + SAR interview	needs/expectations
ARES NET		EOC radios / trailer / testing ?	in person
HARC		Simplex - long distance operations with VHF operations	
HARC		Simplex - repeaters	
HARC		Simplex - cross banding	
HARC		ITU Phonetic Alphabet	International Telecommunications Union (ITU) Phonetic Alphabet
HARC		Message Handling	Best Practices and voice procedural words used in message handling (prowords for voice nets)
HARC		Winlink Network	What is it, why it exists, who is using it, how to get started, resources.
HARC		Winlink Express hands-on training at home with Elmer -	
HARC		HF / Pedestrian Mobile Operations for HF	
HARC		HF / Mobile stations and antenna designs	
HARC		HF / Portable stations and antennas	
HARC		VHF/UHF Portable radios - wiring - grounding	
HARC		VHF/UHF Portable radios - antennas	
HARC		BALUNS,	
HARC		COUNTERPOISE	
HARC			
HARC		Portable Power - battery types and options	
HARC		Portable power options with solar charging	
HARC		Digital modes with an HT	
HARC		Digital modes for poor band conditions	
HARC		Radios (HF and VHF) for backpacking	
HARC		Radios - getting more range on VHF/UHF	basic techniques on how to be heard (and hear) farther away
HARC		CW - Advantages	
HARC		Antennas - backup HF antennas	
HARC		Scenario - long time loss of power	
HARC			
HARC		How to set up communication plan with family members	if they live across town/ out of state / out of country
HARC		Readiness - Portable generators what to expect	gas, diesel, solar, other fuels, hybrids -- how to decide -- INVERTORS ??
HARC		Readiness - Well stocked pantry / staying healthy /	
HARC		Readiness - Go Bags, Go Kits (several sessions/aspects)	
HARC		Readiness - Alternative lighting	
HARC			
HARC		Cross Banding	Explanation of how this works
HARC			
HARC		SPACE WEATHER.COM	IN PERSON OR DISCORD
HARC		DISCORD -- River of Oregon Amateur Radio	If/when Don C is ready

	Radio-related training topics
	Which radio to get [link]
	Which antenna to get [link]
	What frequencies should be programmed in your radio [link]
	Request a signal report before starting [link]
	How to communicate through a repeater [link]
	Communicating on reverse [link]
	Baofeng radios are legal to use [link]
	You might want to purchase a mobile radio some day [link]
	Syllabic emphasis [link]
	How to use a microphone [link]
	Handheld radio accessories [link]
	Working your VFO [link]
	Personal training topics
	You might want to use an ear piece or head phones [link]
	Ham radio best practices [link]
	Be agreeable [link]
	Help others improve their signal [link]
	Be brief when it's your turn [link]
	Protocol training topics
	How to run a net [link]
	Participating in a directed net [link]
	Stand by [link]
	What to say at the end of your QSO [link]
	Don't over-use phonetics [link] Using alternate phonetics [link]
2/15/21HARCnet KE7YX	Follow the band plan [link]
	How to handle a pileup [link]
	Third-party communication [link]
	Traffic [link]
	Emergency training topics
	How to help when you're on the road [link]
	For whom you will really be transmitting [link]
	You might want to upgrade your license [link]
	What frequency to monitor for a nearby incident [link]
	For emergency service nets
	Radio-related training topics
	Tactical call signs [link]
	Setting up a relay station [link]

	How to relay messages [link]
	Radio equipment for shadowing [link]
	Know how to manually operate your radio [link]
	Have alternate simplex frequencies at your disposal [link]
	Ensure your gear is ready [link]
	Exercise: changing your radio on demand [link]
Personal training topics	
	Helping somebody in distress [link]
	Wear a vest during training or an incident [link]
	The most important person in the world [link]
Protocol training topics	
	Incident Command shadow responsibilities [link]
	Who's in charge [link]
	Always serve with a companion [link]
	Not an actual emergency [link]
	Recording time formats [link]
Emergency training topics	
	What kind of grab-and-go bag [link]
	What should belong in your grab-and-go bag [link]
	What frequency to monitor, to be of most help [link]
	How to answer a call for help [link]
	Your emergency gathering place [link]
	Your two-minute warning [link]
	Your primary communication line [link]
For other training net	
Radio-related training topics	
	Setting up a net at your work place [link]
	Exercise: manually changing frequencies on demand [link]
	Keeping your devices cool in summer [link]
	Keeping your equipment clean [link]
	How weather affects radio propagation [link]
	Amateur radios that can transmit outside the amateur bands [link]
Personal training topics	
	Practice being the communicator [link]
	Practice common courtesy [link]
	Focus more on others [link]
	Amateur radio license plates [link]
Protocol training topics	
	Announce that you're portable when traveling [link]
	How to handle a bootlegger, and more [link]
	Handling somebody interrupting your net [link]

		Making a general announcement without broadcasting [link]
		How to perform a Final 7-3 [link]
	Emergency training topics	
		What frequency to monitor, when you're the victim [link]
		Importance of scanning [link]
		How to call out for help [link]
		Handling a missing parent [link]
		Getting involved with emergency communication [link]
		Getting involved with ARES [link]
		Getting involved with RACES [link]
	For slightly more technical	
	Radio-related training topics	
		An excessively low SWR can kill you [link]
		Protocol training topics
		Calling CQ on single-sideband [link]
	Equipment-related training	
		A good solar-powered solution [link]
		Basic lightning protection

Baluns, part 1 of 2 (or 3)	radio	what are they, how do you calculate what you need, how do you test??	
Baluns,	zoom	building 2 baluns	
Soldering basics	in person	hands on - tell us ahead what we need to bring	
Soldering Connectors	in person	hands on - bring coax and cable	
Coax cables		different types, caveats, TVCoax?, how easy/safe to solder connectors or buy pre-soldered?	
Cross Banding	ZOOM/ LIVE	show how it works / help others set up on their radios	
Cross Band Repeaters			
SOLAR REPORTS 1 basic	ZOOM / LIVE	SHARE SCREEN and let us see where you are getting the different readings from	
Solar Reports/ EMCs 2			
HF waterfalls/ sounds	Zoom/Live	SHARE SCREEN - S.O. to interpret the different sounds and activity on waterfall	
NANO VNA (Network Analyzer)		How to use one / and understand the meaning of the readings	
Antennas - Point to Point VHF / UHF antennas			
Antennas - Portable fiberglass antenna masts			
Antennas - fast and easy HF wire			
Antennas - hidden HF wire			
Portable HF operations on a			
FOX HUNTS			
HF - low power contacts			