

CFARS ELMER DIRECTORY

Antennas				
	Antenna selection/installation	Bob	WA4WHV	wa4whv@aol.com
	Antenna Theory & Design	Van	N4ERM	burtvc@gmail.com
	Wire Antennas, Transmission Lines	Van	N4ERM	burtvc@gmail.com
	Wire Antenna & Tuning	Van	N4ERM	burtvc@gmail.com
	Wire Loops	George	KM4ODS	KM4ODS@gmail.com
	Antenna Modeling Software			
	Beams and Towers			
	Portable/Expedient antennas	Dom	NC4XL	solucky2balive@gmail.com
		Mike	KN4XP	kn4xp@yahoo.com
		David	WO4ROG	davidwinfree02@gmail.com
Amplifiers				
Bonding & Grounding		Paul	K4PGM	pgmelvin@arrl.net
Connectors		Paul	K4PGM	pgmelvin@arrl.net
Contesting		George	KM4ODS	KM4ODS@gmail.com
Computer Selection/Requirements		Paul	K4PGM	pgmelvin@arrl.net
CW				
	Learning Techniques	Ron	K4FET	mcgoo1138@yahoo.com
		Bob	WA4WHV	wa4whv@aol.com
		David	KI4W	kr4oe@nc.rr.com
	Operations/Procedures	Ron	K4FET	mcgoo1138@yahoo.com
		David	K4FET	mcgoo1138@yahoo.com
		Bob	WA4WHV	wa4whv@aol.com
Digital Operations/Programs				
	FT8 (WSJT-X)	Fred	N4ZCG	n4zcg@arrl.net
		Paul	K4PGM	pgmelvin@arrl.net
		Doug	AI4EW	ncsumi85@gmail.com
	PSK	Fred	N4ZCG	n4zcg@arrl.net
	RTTY			
	WSPR			
	WINLINK	Doug	AI4EW	ncsumi85@gmail.com
DMR		Paul	K4PGM	pgmelvin@arrl.net
		Doug	AI4EW	ncsumi85@gmail.com

		Jim	K4BUC	jbuccieri@twc.com
		Fred	N4ZCG	n4zcg@arrl.net
Exam prep				
	Tech	Paul	K4PGM	pgmelvin@arrl.net
	General	Paul	K4PGM	pgmelvin@arrl.net
	Extra	Paul	K4PGM	pgmelvin@arrl.net
DX Operations	SSB	George	KM4ODS	KM4ODS@gmail.com
	CW			
Echolink		Jim	K4BUC	jbuccieri@twc.com
		Paul	K4PGM	pgmelvin@arrl.net
Fabrication/Metal work		David	KO4RKR	drhall762@aim.com
Homebrew and Kit Projects		Fred	N4ZCG	n4zcg@arrl.net
		Jim	K4BUC	jbuccieri@twc.com
Logging software				
	N3FJP	George	KM4ODS	KM4ODS@gmail.com
		Paul	K4PGM	pgmelvin@arrl.net
	N1MM			
	HRD			
	Log4OM			
	Win32			
	Other			
Mac Ham Radio on macOS & iOS				
Message Traffic Handling		David	KI4W	kr4oe@nc.rr.com
		Joe	W4OJO	w3ojo@gmail.com
Multimeters		Paul	K4PGM	pgmelvin@arrl.net
Mobile radio		Bob	WA4WHV	wa4whv@aol.com
		Paul	K4PGM	pgmelvin@arrl.net
PC software				
Parks on the Air		Dom	NC4XL	solucky2balive@gmail.com
		Mike	KN4XP	kn4xp@yahoo.com
		David	WO4ROG	davidwinfree02@gmail.com
Power supplies		Leighton	KN4ZZ	kn4zz@yahoo.com
Propagation				

Remote Operations				
QRP Operations		Bob	WA4WHV	wa4whv@aol.com
QSLs				
	Sending/Receiving			
	Buro Procedures	Irv	N3IRV	irv47mc@gmail.com
Summits on the Air				
Radios -				
	ICOM			
	Kenwood			
	Yaesu			
	Other			
Satellite/Space Commo		Van	KG6HYJ	kg6hyj@arrl.net
		Evan	KG4TKE	erob49@gmail.com
SDR		Doug	AI4EW	ncsumi85@gmail.com
SSB Operations		George	KM4ODS	KM4ODS@gmail.com
Soldering		Jim	K4BUC	jbuccieri@twc.com
Test equipment		Kirk	KI4RK	KI4RK@aol.com
Vehicle/Mobile Radio Installations		Bob	WA4WHV	wa4whv@aol.com
VHF/UHF DX weak signal operation				