

Pikes Peak Amateur Radio Emergency Service

Colorado ARES District 14

ANNEX F: FREQUENCY ASSIGNMENTS

15 May 2008

Frequency (MHz)	Tactical Name	Tone	Comments
146.970 -	VHF Repeater 1	100 Hz	First wide coverage
147.345 +	VHF Repeater 2	100 Hz	Second wide coverage
145.265 -	VHF Repeater 3	100 Hz	West El Paso County coverage (Off air as of 3/08)
146.820 -	VHF Repeater 4	107.2 Hz	Teller County primary - Woodland Park - LINK
146.685 -	VHF Repeater 5	107.2 Hz	Teller County – Badger Mountain - LINK
147.015 +	VHF Repeater 6	107.2 Hz	Teller County - Cripple Creek - LINK
146.910 -	VHF Repeater 7	107.2 Hz	North El Paso County alternate
146.625 -	VHF Repeater 8	123 Hz	South El Paso County alternate
147.180 +	VHF Repeater 9	100 Hz	Third wide coverage
147.030 +	VHF Repeater 10	107.2 Hz	El Paso County alternate
146.835 -	Portable Repeater 1		
146.865 -	Portable Repeater 2		
446.100 -	Portable Repeater 3		
145.500	Cross Band VHF		
445.500	Cross Band UHF		
146.580	VHF Simplex 11		First tactical, shared w/ RACES
146.475	VHF Simplex 12		Public service events
147.480	VHF Simplex 13		Alternate El Paso County tactical, MARC primary
147.510	VHF Simplex 14		Alternate Teller County tactical
146.415	VHF Simplex 15		Public service events alternate
147.420	VHF Simplex 16		Alternate
144.220 USB	VHF Sideband 1		ARES Front Range/El Paso-Teller County link
448.450	UHF Repeater 1	100 Hz	First wide coverage
448.800	UHF Repeater 2	100 Hz	West El Paso County coverage (Off air as of 3/08)
448.650	UHF Repeater 3	107.2 Hz	Teller County coverage
446.100	UHF Simplex 11		Primary tactical
446.000	UHF Simplex 12		Secondary tactical - national simplex
144.930	Packet 1		PPARES packet frequency
3.928	HF 1		ARES statewide
7.235	HF 2		ARES statewide

NOTES:

- a. Operations will normally be on VHF. UHF typically will only be used for tactical, administrative, special operations, for links, and for relays into buildings. The District 14 ARES Operations Manual describes frequency usage and procedures.
- b. "Resource" frequencies will be used for call-ups and resource nets, and may be used for assignments and operations when an operations frequency is not in use.
- c. "Operations" frequencies will be used for assignments and mission operations.
- d. Whenever possible, operations nets should move lengthy or non-pertinent traffic to alternate frequencies. Operations frequencies should not be used by non-participating stations when Resource, Information, or Liaison frequencies are available.
- e. "Tactical" frequencies will typically be used locally between field units and generally will not have a net controller monitoring.
- f. "Information" frequencies are for general info, including stations not participating in the net. Information frequencies may be used to pass lengthy traffic when separate Operations frequencies are in use.
- g. "Administrative" frequencies are primarily for PPARES staff conferencing, and may be used for information.
- h. "Liaison" frequencies are for use by outside groups, such as other ARES districts, to contact PPARES.