

Appendix C – Emergency Frequencies and Modes

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band Amateur Radio (US CFR, Title 47, Part 97)			Description Regional & State Interoperability		
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Line	Channel Configuration	Channel Name	Eligible Users	Receive		Transmit		Emission		Remarks
				Frequency	Tone / NAC	Frequency	Tone / NAC	Mode	ITU	

Intra-Region: Washington RHSCD IV [ARES District 4] (RACES OPS-1 network)

1	repeater	WW4A00	WA Region IV	224.720	none	223.120	100.0	FM-W	F3E	Larch Mtn.	KB7APU
2	repeater	WW4A01	WA Region IV	147.300	none	147.900	114.8	FM-W	F3E	Woodland, WA	W7DG
3	repeater	WW4A02	WA Region IV	52.810	none	51.110	100.0	FM-W	F3E	Nicolai Mtn.	K7GA
4	simplex	WW4A10	WA Region IV	52.550	none	52.550	none	FM-W	F3E		
5	simplex	WW4A11	WA Region IV	145.550	none	145.550	none	FM-W	F3E		
6	simplex	WW4A12	WA Region IV	223.550	none	223.550	none	FM-W	F3E		
7	simplex	WW4A13	WA Region IV	445.550	none	445.550	none	FM-W	F3E		
8	simplex	WW4A14	WA Region IV	927.550	none	927.550	none	FM-W	F3E		
9	simplex	WW4A15	WA Region IV	1294.550	none	1294.550	none	FM-W	F3E		
10	simplex	WW4A20	WA Region IV	1.955	n/a	1.955	n/a	LSB	J3E		
11	simplex	WW4A21	WA Region IV	3.855	n/a	3.855	n/a	LSB	J3E		
12	simplex	WW4A22	WA Region IV	5.3570	n/a	5.3570	n/a	USB	J3E		
13	simplex	WW4A23	WA Region IV	7.255	n/a	7.255	n/a	LSB	J3E		
14	simplex	WW4A24	WA Region IV	14.255	n/a	14.255	n/a	USB	J3E		
15	simplex	WW4A25	WA Region IV	18.155	n/a	18.155	n/a	USB	J3E		
16	simplex	WW4A26	WA Region IV	21.355	n/a	21.355	n/a	USB	J3E		
17	simplex	WW4A27	WA Region IV	24.955	n/a	24.955	n/a	USB	J3E		
18	simplex	WW4A28	WA Region IV	28.455	n/a	28.455	n/a	USB	J3E		
19	simplex	WW4A29	WA Region IV	50.550	n/a	50.550	n/a	SSB	J3E		
20	simplex	WW4A40	WA Region IV	1.855	carrier	1.855	carrier	CW	A1A		
21	simplex	WW4A41	WA Region IV	3.555	carrier	3.555	carrier	CW	A1A		
22	simplex	WW4A42	WA Region IV	7.055	carrier	7.055	carrier	CW	A1A		
23	simplex	WW4A43	WA Region IV	10.125	carrier	10.125	carrier	CW	A1A		
24	simplex	WW4A44	WA Region IV	14.055	carrier	14.055	carrier	CW	A1A		

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Line	Channel Configuration	Channel Name	Eligible Users	Receive		Transmit		Emission		Remarks
				Frequency	Tone / NAC	Frequency	Tone / NAC	Mode	ITU	
25	simplex	WW4A45	WA Region IV	21.055	carrier	21.055	carrier	CW	A1A	
26	simplex	WW4A46	WA Region IV	28.055	carrier	28.055	carrier	CW	A1A	
27	simplex	WW4A47	WA Region IV	50.055	carrier	50.055	carrier	CW	A1A	

Intra-County: Washington RHSCD IV [ARES District 4] (RACES OPS-2 network)

28	repeater	CLRK01	Clark Co.	147.240	none	147.840	94.8	FM-W	F3E	Livingston Mtn.	W7AIA
29	repeater	CLRK02	Clark Co.	443.925	none	448.925	94.8	FM-W	F3E	Livingston Mtn.	W7AIA
30	repeater	CLRK30	Clark Co.	440.0125	none	445.0125	none	FM-N	F7W	DSTAR	K7CLL
31	simplex	CLRK46	Clark Co.	144.990	none	144.990	none	FM-W	F3E	BBS, 1200 baud	K7CLL-8
32	simplex	CLRK48	Clark Co.	144.920	none	144.920	none	FM-W	F3E	RMS, 1200 baud	K7GJT-10
33	simplex		Cowlitz Co.	144.920	none	144.920	none	FM-W	F3E	RMS, 1200 baud	N7DEM-10
34	repeater		Cowlitz Co.	147.260	none	147.860	114.8	FM-W	F3E	Columbia Hgts.	W7DG
35	repeater		Cowlitz Co.	224.660	none	223.060	114.8	FM-W	F3E	Rainier Hill	NU7D
36	repeater		Cowlitz Co.	444.900	none	449.900	114.8	FM-W	F3E	Columbia Hgts.	W7DG
37	simplex		Skamania Co.	3.825	n/a	3.825	n/a	LSB	J3E		KE7BUI
38	simplex		Skamania Co.	7.245	n/a	7.245	n/a	LSB	J3E		KE7BUI
39	simplex		Wahkiakum Co.	145.630	none	145.630	none	FM-W	F3E	RMS, 1200 baud	K7GA-10
40	repeater		Wahkiakum Co.	444.500	none	449.500	118.8	FM-W	F3E	Nicolai Mtn.	K7GA

Intra-State: Washington Emergency Management Division [W7EMD] (RACES CMD-1 network)

41	simplex		WA Region IV	3.985	n/a	3.985	n/a	LSB	J3E		
42	simplex		WA Region IV	5.3715	n/a	5.3715	n/a	USB	J3E		
43	repeater		WA Region IV	53.870	none	52.170	100.0	FM-W	F3E	Grass Mtn.	W7SIX
44	repeater		WA Region IV	145.370	none	145.970	136.5	FM-W	F3E	Grass Mtn.	W7AAO

Intra-State: adjacent Washington RHSCD III [ARES District 3] and Washington RHSCD VIII [ARES District 8]

45	repeater		WA Region III	145.470	none	144.870	100.0	FM-W	F3E	Capitol Peak	K7CPR
46	repeater		WA Region III	224.040	none	222.440	118.8	FM-W	F3E	KO Peak	N7XAC
47	repeater		WA Region III	444.950	none	449.950	118.8	FM-W	F3E	Capitol Peak	W7EOC

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				Frequency	Tone / NAC	Frequency	Tone / NAC	Mode	ITU	
48	simplex		WA Region VIII	3.985	n/a	3.985	n/a	LSB	J3E	
49	simplex		WA Region VIII	7.245	n/a	7.245	n/a	LSB	J3E	
50	simplex		Klickitat Co.	3.985	n/a	3.985	n/a	LSB	J3E	
51	simplex		Klickitat Co.	5.3715	n/a	5.3715	n/a	USB	J3E	
52	simplex		Klickitat Co.	7.245	n/a	7.245	n/a	LSB	J3E	
53	repeater		Lewis Co.	147.060	none	147.660	110.9	FM-W	F3E	Boistfort Peak N7PRJ
54	repeater		Pacific Co.	147.020	none	147.620	118.8	FM-W	F3E	KM Hill NM7R
55	repeater	PAC023	Pacific Co.	147.180	none	147.780	82.5	FM-W	F3E	Megler Mtn. NM7R
56	repeater	PAC061	Pacific Co.	440.675	none	445.675	118.8	FM-W	F3E	Naselle Ridge NM7R
57	repeater	PAC062	Pacific Co.	441.675	none	446.675	118.8	FM-W	F3E	KO Peak N7XAC
58	repeater		Yakima Co.	146.660	none	146.060	123.0	FM-W	F3E	Yakima Ridge W7AQ
59	repeater		Yakima Co.	146.840	none	146.240	123.0	FM-W	F3E	Elephant W7AQ
60	repeater		Yakima Co.	147.300	none	147.900	123.0	FM-W	F3E	Bethel Ridge W7AQ
61	repeater		Yakima Co.	147.080	none	147.680	123.0	FM-W	F3E	King Mtn. WA7SAR
62	simplex		Yakima Co.	3.985	n/a	3.985	n/a	LSB	J3E	
63	simplex		Yakima Co.	7.245	n/a	7.245	n/a	LSB	J3E	

Inter-State: adjacent Oregon RHSCD II [ARES District 1] and Oregon RHSCD IV [ARES District 2]

64	simplex		OR Region II	3.985	n/a	3.985	n/a	LSB	J3E	
65	simplex		OR Region II	7.245	n/a	7.245	n/a	LSB	J3E	
66	repeater	D1-1	OR Region II	147.320	none	147.920	100.0	FM-W	F3E	S. Saddle Mtn. K7RPT
67	repeater		OR Region II	442.325	none	447.325	100.0	FM-W	F3E	S. Saddle Mtn. K7RPT
68			OR Region IV							
69	repeater	CLAC01	Clackamas Co.	147.120	none	147.720	100.0	FM-W	F3E	Mt. Hood K7RPT
70	repeater	CLAC02	Clackamas Co.	147.140	none	147.740	107.2	FM-W	F3E	Pdx West Hills W7AC
71	repeater	CLAC04	Clackamas Co.	146.960	none	146.360	127.3	FM-W	F3E	Goat Mtn. W7OTV
72	repeater	CLAC07	Clackamas Co.	442.075	none	447.075	103.5	FM-W	F3E	Oregon City, OR KD7LNB
73	repeater	CLAT01	Clatsop Co.	145.450	none	144.850	118.8	FM-W	F3E	Megler Mtn. W7BU

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Line	Channel Configuration	Channel Name	Eligible Users	Receive		Transmit		Emission		Remarks
				Frequency	Tone / NAC	Frequency	Tone / NAC	Mode	ITU	
74	repeater	CLAT02	Clatsop Co.	146.760	none	146.160	118.8	FM-W	F3E	Nicolai Mtn. W7BU
75	repeater	CLAT03	Clatsop Co.	145.490	none	144.890	118.8	FM-W	F3E	Seaside, OR WA7VE
76	simplex		Columbia Co.	3.773	n/a	3.773	n/a	LSB	J3E	Adv/Extra Class freq.
77	repeater	COL01	Columbia Co.	146.880	none	146.280	114.8	FM-W	F3E	Meissner L.O. N7EI
78	repeater	COL02	Columbia Co.	444.625	none	449.625	107.2	FM-W	F3E	St. Helens, OR N7EI
78	repeater	COL08	Columbia Co.	145.270	none	144.670	107.2	FM-W	F3E	Timber, OR KJ7IY
79	simplex	COL12	Columbia Co.	144.920	none	144.920	none	FM-W	F3E	RMS, 1200 baud N7EI
80	repeater	HOOD01	Hood River Co.	145.150	none	144.550	94.8	FM-W	F3E	Mt. Defiance WA7ROB
81	repeater	HOOD02	Hood River Co.	444.900	none	449.900	100.0	FM-W	F3E	Middle Mtn. KA7HRC
82	repeater	HOOD03	Hood River Co.	147.100	none	147.700	100.0	FM-W	F3E	Mt. Defiance KF7LN
83	repeater	MC01	Multnomah Co.	146.840	none	146.240	none	FM-W	F3E	Larch Mtn. W7LT
84	repeater	MC02	Multnomah Co.	147.280	none	147.880	167.9	FM-W	F3E	Mt. Scott WB7QIW
85	repeater	MC03	Multnomah Co.	146.940	none	146.340	none	FM-W	F3E	Mt. Scott W7LT
86	repeater	WC01	Washington Co.	146.900	none	146.300	127.3	FM-W	F3E	Chehalem Mtn. K7WWG
87	repeater	WC02	Washington Co.	147.360	none	147.960	107.2	FM-W	F3E	Cooper Mtn. WC7EOC
88	repeater	WC03	Washington Co.	440.350	none	445.350	127.3	FM-W	F3E	Pdx West Hills KB7OYI

Inter-State: Oregon Office of Emergency Management [W7OEM]

89	simplex			1.978	n/a	1.978	n/a	LSB	J3E	
90	simplex			3.964	n/a	3.964	n/a	LSB	J3E	
91	simplex			5.3465	n/a	5.3465	n/a	USB	J3E	
92	simplex			7.248	n/a	7.248	n/a	LSB	J3E	
93	repeater	OEM01		145.330	none	144.730	186.2	FM-W	F3E	Prospect Hills W7SRA