

# Appendix I

## American Repeaters (Open)

Listings in this directory are alphabetical by state and area of coverage. This concept (as opposed to a listing by actual repeater location) allows mobile operators to determine with ease the repeaters available for use along any cross-country route.

LOCATION	IN (MHz)	OUT (MHz)
<b>ALABAMA</b>		
W4RFR (wideband)	146.34	146.94
W4VO (Northeast Alabama, Northwest Georgia)	146.34	146.94
<b>ARIZONA</b>		
Prescott area		
W7AJU (wideband)	146.34	146.94
Phoenix area and regions adjacent thereto		
WA7CEM (wideband)	146.34	146.94
<b>ARKANSAS</b>		
WA5VNQ (Fayetteville; narrowband)	50.50	50.40
W5DI (Little Rock and vicinity; narrowband)	146.30	145.50
<b>CALIFORNIA</b>		
Los Angeles area		
W6FNO (Radio Ranch)	146.82	146.70
Wideband. Transmissions limited by timer to one minute each. Covers San Fernando Valley, San Gabriel Valley, Pomona Valley, Paradise Valley, most of Los Angeles County, Orange County, parts of Riverside County, and southern third of San Bernardino County. Elevation 3000 ft. Separate receiver and transmit sites. 35W out. User must whistle (1750 Hz) to activate repeater initially; carrier-operated unless input channel vacated for three minutes.		
WA6VFO	146.52	147.18
WA6MPV	145.12	146.90
WB6GUA (intermittent)	146.44	146.94

San Diego area		
WB6DSL	146.34	146.94
Extended Southern California area		
WB6WYM (Twin Peaks)	50.75	52.525
Narrowband. Transmissions limited by timer to three minutes. Covers Lucerne Valley and all of Southern California with the exception of areas shielded by Mt. Baldy, such as San Fernando Valley and some parts of Los Angeles. Elevation: 6000 ft. 100W out. Input deviation: 3 kHz; output deviation: 15 kHz.		
San Bernardino County		
WA6TTL (Silver Peak)	146.34	146.94
Eastern High Sierra Amateur Radio Society: T. Downey, President. Provides wide-band coverage over Owens Valley, Bishop, Greater San Bernardino County. Elevation: 10,880 ft. Can link with Las Vegas and Los Angeles through WB6UGT, WB6SLR, and W6FHF.		
Northern California		
WB6AAE (Grizzly Peak)	146.20	146.80
WB6TSO (Central coastal region)	146.20	146.80
W6NCG (Meadow Lakes)	146.85	147.71
WA6YCZ (Mt. Umunhum)	146.85	147.71
W6DOO (Mt. Allison)	146.85	147.71
W6AQU (Mt. Toro)	146.85	147.71
W6AEX (Mt. Vaca)	146.20	146.85
W6CX (Walnut Creek)	147.80	146.94
K6JIM (Central Valley)	146.00	147.70
WB6QEO (Alabama and vicinity)	51.20	51.00
WB6QVV (Placer County)	51.20	51.00
WB6LJR (Santa Clara and vicinity)	51.624	51.024
No call (Solano County)	51.624	51.024
WB6NDJ (Alameda and vicinity)	51.70	51.075
<b>CANADA</b>		
British Columbia		
VE7CAP (Kimberly)*	146.46	147.33
VE7BTU (Nelson)*	146.46	147.33
VE7MQ (Vancouver to Seattle)**	146.34	146.58
VE7APU (Vancouver to Seattle)**	146.33	146.58
Quebec		
VE2MT (Mt. Royal, Montreal)	146.46	146.94

\*Info supplied by East Kootenay ARC

\*\*Univ. of British Columbia repeater; precedence given to 146.34 input.

VE2RM (Mt. Rigeau; covers Montreal and western portions of province)	146.40	147.18
VE2A (Mt. Orford Northern Vermont)	146.52	147.50
VE2XW (Mt. St. Croix and vicinity)		
VE2CRA (Ottawa)	146.46	146.94
VE2CTR (Trois Rivieres)	146.46	146.94
VE2FZ (Sherbrooke)	146.46	146.94
VE2JE (Eastern Montreal)	146.52	147.50
VE2JE (Drummondville)	146.46	146.94
VE2VD (Southern Quebec)	146.46	146.94
Ontario		
VE3NPS (Niagara Falls)	146.22	147.24
VE3RPT (Toronto and extended area)	146.46	146.94
Has secondary output on:		147.06
VE3SIX (St. Catherine)	146.22	147.24
VE3SSM (Sault Sainte Marie, with coverage into Northern Wisconsin)	146.34	146.94
Manitoba		
VE4XK (Winnipeg and extended area in southern region of province)	146.46	147.33
Saskatchewan		
No repeaters reported		
Alberta		
No repeaters reported		
Newfoundland		
VO1GT (Covers all of Cape)	146.46	146.94
<b>COLORADO</b>		
Colorado Springs		
No call given (Cheyenne Mountain)	146.34	146.94
Northern Colorado		
No call given (Denver)	146.34	146.94
No call given (Denver)	146.88	146.94
Western Colorado		
WØPXZ (Grand Junction)	145.32	146.94
Repeater controlled from Grand Junction, deployed at Grand Mesa at a height of 11,000 ft. (Highest repeater in the U.S.) Provides coverage over western parts of state and into eastern border of Utah.		
No call given (Grand Valley)		
Used as local backup for Grand Junction repeater, controlled by WØPXZ	145.32	146.94
Pueblo		
WAØSNO (Extended coverage of central portion of state)	146.34	146.94

**CONNECTICUT**

No call yet (Avon Mountain)	146.28	146.94
W1BNF (narrowband)	146.37	146.98
Covers Southern Massachusetts and Eastern Long Island, N. Y., plus much of Connecticut		
WA1JTB (Bridgeport)		
Covers Southwestern Connecticut.		
Narrowband.	146.31	146.88
W1VVK (Avon)	146.34	146.94
Coverage south to Newhaven and East Long Island, N. Y., north to Greenfield; serves as double repeater (prime/talkback)	146.94	52.92
K1TKJ (Bantam)	146.88	52.98
With secondary repeater:	53.10	146.31

**FLORIDA**

## Northern Florida

No call given (Stark)

This repeater is narrowband 146.34 146.94

## Central Florida

WB4HAE (Tampa, narrowband) 146.34 146.76

WB4GLK (Okeechobee) 146.34 146.94

Repeater covers central as well as eastern central portion of state; narrowband; repeater functions as double-output, crossed-input system. 146.94 146.76

## Northwestern Florida

W4UC \*(Pensacola and vicinity; wideband) 146.34 146.76

WA4EVU (Fort Walton Beach; wideband) 146.34 146.76

**GEORGIA**

## Northwest Georgia

W4VO (Rome; Mt. Alto) 146.34 146.94

Northwest Georgia Amateur Repeater Assn., A. Mitchell, K4OAG, Pres. Member ALRA Whistle-on system. 65 miles is approximate radius of coverage. Alabama area is shaded.

**HAWAII**

## Diamond Head

KH6EQF (narrowband) 52.525 53.52

KH6EQF (wideband) 146.20 146.80

KH6EQF (a-m input f-m output) 147.00 146.80

**ILLINOIS**

## Northern Illinois

W9YRB (Aurora) 146.40 147.81

\*Five Flags ARS, Inc.; P. Eaton WA4AYX provided information.

Central Illinois		
WA9GCK (Bloomington)	146.34	146.94
WA9EAM (Petersburg)	146.34	146.94
Chicago area and vicinity		
W9ZND (Upper Chicago)	146.46	146.88
WA9EAE (Downtown)	146.46	146.64
WA9EAE (Lower Chicago)	146.46	146.88
WA9ORC	146.34	146.76
WA9ORC	52.76	52.525
W9NGI (SRO CFAR)	147.45	147.75
<b>INDIANA</b>		
South Bend area		
WA9GOP	146.46	146.88
No call given	146.94	52.525
<b>KANSAS</b>		
Northeast Kansas		
WA0SNP (Topeka; wideband)	146.34	146.94
WA0OFH (Kansas City; wideband)	146.34	146.94
Under same call: (narrowband)	52.70	52.525
Central Kansas		
No call given (Wideband; coverage from Canton extends to McPherson, Kansas)	146.34	146.94
WA0CJQ (Salina)	146.34	146.94
Southeast Kansas		
W0DKU (Wichita)	146.34	146.94
Covers southeastern and south central portion of state. Input continuously moni- tored. If output is not operational, a request on the input frequency will bring activa- tion. Narrowband.		
<b>KENTUCKY</b>		
W4MOP (Louisville)	146.34	146.94
K4UCS (Owensboro)	136.34	146.94
<b>LOUISIANA</b>		
New Orleans		
W5UK (wideband)	146.34	146.94
Galliano		
W5MCC	146.34	146.94
<b>MARYLAND</b>		
Baltimore and extended ranges surrounding		
W3DZD (Harmans)	146.34	146.76
WA3DZD	52.525	146.82
No call given	146.22	52.525
<b>MASSACHUSETTS</b>		
W1ELU (Wachusett)	146.22	146.82
No call given (Lenox)	146.25	146.94
(Same system, but directional east-west,	146.25	146.94

activated by tone burst or whistle)		
W1VAK (New Bedford)	146.34	146.94
W1ALE (Concord, N. H.)	146.46	52.525
Covers northeastern portion of Massachusetts; timed for periodic duty cycles.		
W1DRP (Wooster; Boston)	146.34	146.94
Secondary output on:		52.525
No call given (North Adams)	146.34	146.94
<b>MICHIGAN</b>		
Detroit		
K8PZL (Wideband; not open to base stations)	146.34	146.76
Great Lakes Repeater Assn.; Member ALRA		
Pontiac-Rochester		
No call given	146.46	146.94
Kalamazoo		
K8TIW	146.34	146.94
<b>MINNESOTA</b>		
WØPZT (Hennepin County)	146.54	146.85
<b>MISSISSIPPI</b>		
WA5UEG (Bay Saint Louis; wideband)	146.34	146.94
<b>MISSOURI</b>		
Kansas City Area		
WAØOFH (KC, Mo. and Kans.)	146.34	146.94
WAØOFH (KC, Mo. and Kans.)	52.70	52.525
KØOKI	52.88	52.525
WAØAMR (KC, Mo. and east)	146.34	146.94
KØFRA (Occasionally active)	52.70	52.525
St. Louis		
WAØCJW	146.34	146.94
<b>MONTANA</b>		
Butte; Anaconda		
No call assigned yet	146.34	146.94
<b>NEBRASKA</b>		
Omaha		
No call given	146.34	146.94
<b>NEVADA</b>		
Las Vegas		
W7DDB	146.34	146.94
W7DDB (intermittent)	146.94	147.84
Reno		
K7UGT	146.34	146.94
<b>NEW HAMPSHIRE</b>		
W1ALE (Concord)	146.34	146.94
Covers Southern New Hampshire, Southeast Vermont, Northeast Massachusetts. Timed for periodic duty cycles. Both listed repeaters located at same site.	146.46	52.525

K1MNS (Derry)	146.25	146.76
Whistle on. Coverage is same as that listed for W1ALE. Wideband. (New Hampshire FM Assn.)		
No call yet (Mt. Snow, Vermont)	146.31	146.88
Covers South Vermont, Southwest New Hampshire, Northwest Massachusetts, and Albany, New York. Operated by Northeastern FM Assn.		
<b>NEW JERSEY</b>		
Call not given (Fords, N. J.)	146.28	146.76
Provides coverage throughout northern area of state.		
Call not given (Brunswick)	146.34	146.94
Provides coverage throughout state.		
<b>NEW MEXICO</b>		
WA5KUI (Alamogordo)	146.34	146.94
WA5JDZ (Albuquerque)	146.34	146.94
K5CQH (Albuquerque)	146.46	147.06
WA5DMQ (Roswell)	145.50	146.50
W5PDO (Los Alamos)	146.34	146.94
No call given (Caprock)	146.34	146.94
<b>NEW YORK</b>		
Long Island		
W2GHR (Mt. Beacon, N. Y.) TELETYPE ONLY	52.96	146.70
W1BNF (Connecticut; narrowband)	146.37	146.98
Northern New York		
No call yet (Whiteface Mountain)	146.22	146.76
W2CVT (Mt Beacon)	146.34	146.94
(secondary output)	146.37	146.94
Albany		
W2CVT (Activated by request)	146.94	146.76
W2GHR (TELETYPE ONLY)	52.96	146.70
W1JTB	146.31	146.94
East New York		
K2AE (Schenectady)	146.46	146.94
Operates from approximately 7 a.m. until 11 p.m. daily, under the auspices of the Schenectady Amateur Repeater Club.		
WB2NNZ (East Central N. Y.)	146.34	146.94
Operated by the TELCO club.		
W1KOO (Mt. Mansfield, Vt.)	146.37	146.94
Operated by the Burlington, Vermont Amateur Radio Club.		
W1ABI (Killington, Vermont)	146.34	146.94
Whistle on. Operated by the Northeast Vermont FM Repeater Assn. Member ALRA.		

Central New York		
K2GVI (Utica-Rome)	146.34	146.94
K2AE (Schenectady)		
Operated by the Schenectady Amateur Repeater Club. Operates from 7 a.m. to 11 p.m. daily.		
WB2NNZ (Troy)	146.34	146.94
Also covers eastern part of state. TELCO club.		
W2DEG (Grafton)	146.22	146.76
W1ABI (Killington; whistle on)	146.34	146.94
WA2VNU (cross-connected system)	146.34	52.72
WA2VNU	52.80	146.76
Syracuse		
W2YRL	146.46	146.94
Buffalo		
K2GUG	146.34	146.94
<b>NORTH CAROLINA</b>		
North Central area		
WA4FYS (Burlington)	52.76	52.525
Secondary output		146.98
Western area		
W4WID (Lenoir)	52.76	52.525
W4DCD (N. Wilkesboro)	52.525	146.90
W4DCD (Secondary of cross-connected system)	52.78	52.525
<b>OHIO</b>		
Delaware County		
W8AIC	146.34	146.94
Secondary output		146.76
System is a wideband type and may be actuated with a whistle on the input. Replaces W8LGL.		
W8QLS	145.62	146.97
Civil Defense repeater. G. Cryder (W8LGL) operates.		
Toledo		
Call unknown (wideband)	146.34	146.94
Youngstown		
W8IOO	146.34	146.94
Cleveland		
No call given	146.34	146.94
Other areas of state		
No call given (Lorain)	146.34	146.94
W8THC (Newcomerstown)	146.34	146.94
No call yet (Pittsburgh)	146.34	146.94



**OKLAHOMA**

Central/Eastern Oklahoma

WA5LVT (Tulsa)	146.34	146.94
Dual repeater system interconnected for cross-linking. System includes automatic phone patch with Touchtone signaling. Provides greatly extended coverage over much of state. Operated by Tulsa Repeater Assn; Pat Devlin (WA5BPS) is trustee. Member ALRA.	52.68	52.525

Oklahoma City

No call assigned yet	146.34	146.94
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Bartlesville

WA5LDB	146.34	146.94
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**OREGON**

K7TBL (Eugene)	146.34	146.94
WA7ANG (Extended coverage over Portland and neighboring cities)	146.76	146.58
No call given (Newport)	146.76	146.94
No call given (Dalles area, from Mt. Livingston)	53.46	52.92
No call given (Pendleton area)	146.34	146.76
No call given (La Grande area)	146.34	146.76

**PENNSYLVANIA**

Philadelphia

WA3IPP	146.34	146.76
WA3IGS Cross-connected system	52.80	146.94
	146.94	52.72

Pittsburgh

K3UQD	146.34	146.94
Alternate system	146.34	146.76

Other areas:

K3PQZ (York)	146.34	146.76
WA3ICC (Harrisburg)	146.34	146.76
No call given (State College)	146.34	146.76
No call given (Sayreville)	146.40	146.46

**RHODE ISLAND**

Providence

W1CDO	146.34	146.94
Secondary output		52.525

**SOUTH CAROLINA**

Call not given (Central portion of state)	52.76	52.525
Call not given (Central portion of state)	146.34	146.94

**TENNESSEE**

Memphis

WA4HBY	146.34	146.94
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Nashville		
No call given (Double repeater system)	146.22	146.94
No call given	146.94	146.20
Chattanooga		
No call given	146.34	146.94
Shelbyville		
W4I WV	146.34	146.94
<b>TEXAS</b>		
Fort Worth and vicinity		
No call given	53.05	53.15
W5OZW	146.34	146.94
W5YUO	146.16	146.76
Dallas		
No call given	146.22	146.82
No call given	52.85	52.95
Houston		
WA5QLA	146.28	146.88
Austin		
No call given	146.34	146.94
San Antonio		
No call given	146.34	146.94
Other areas		
WA5LDL (Tyler)	146.34	146.94
No call given (Port Arthur)	146.34	146.94
<b>UTAH</b>		
East border		
W0PXZ	145.32	146.94
Provides coverage from 11,000-ft site at Grand Mesa, Colorado.		
Salt Lake City		
No call given; provides coverage over Northern Utah; wideband.	146.34	146.94
<b>VERMONT</b>		
Central Vermont		
W1ABI (Killington)	146.28	146.94
Northeast FM Repeater Assn.		
Southern Vermont		
No call assigned yet (Mt. Snow)	146.31	146.88
Provides coverage over southwestern parts of state.		
W1ALE (Concord, N. H.)	146.34	146.94
Provides coverage over south and southeast portions of state, overlapping with other states. Repeater timed for periodic duty cycle.		
Alternate system:	146.46	52.525
K1MNS (Derry)	146.25	146.76

Southeast and south parts of state.

#### Northern Vermont

VE2TA (Quebec repeater) 146.52 147.50

W1KOO (Mt. Mansfield) 146.34 146.94

2400-Hz tone-burst entry. Covers northern portions of Vermont and northeastern regions of New York. Operated by Burlington Amateur Repeater Club.

No call assigned yet (Northern Vermont) 146.22 146.82

No call assigned yet (Northwestern Vermont) 146.22 146.76

### VIRGINIA

#### Lynchburg

WB4HCX (Lynchburg ARC; GE employees) 146.34 146.94

Repeater operates wideband input, narrowband output.

W4GCE 146.22 147.42

#### Other areas

K8SXO (Ridgeley) 146.76 52.525

Cross-connected double repeater: 52.525 146.76

W4DXC (Richmond) 52.72 52.640

### WASHINGTON (STATE)

#### Northern Washington

VE7MQ (British Columbia repeater) 146.34 146.58

Provides extended coverage in northwest parts of state.

VE7APU (British Columbia) 147.33 146.58

Provides coverage in northwest, Seattle to Vancouver

No call given (Seattle)\* 146.34 146.58

No call given (Seattle)\* 146.76 146.58

\*Seattle repeaters interlinked with precedence to 146.34 input.

W7AJF (Upper state) 146.58 146.76

#### Eastern Washington

W7AAG (Spokane) 146.34 146.76

#### Other areas

W7DAQ (Longview) 146.76 43.290

Intermittent operation. Precedence given to 146.76 input; double repeater. 53.290 146.76

No call given (Richland) 52.525 53.290

No call given (Yakima) 145.26 147.21

### WASHINGTON D.C.

W3JCN 146.34 146.76

### WISCONSIN

W9ROM (Milwaukee) 146.34 146.94

### WYOMING

WA7EGK (Laramie; Cheyenne) 146.34 146.94