

LANE COUNTY EMCOMM RADIO RESOURCES | as of March 2020

EOCs	Central	West Valley	South	McKenzie	Willamette
Lane County	Operations	Operations	Operations	Operations	Operations
Resource/Ops 146.68 (PL 100)	Camp Creek	Alvadore	Cottage Grove	Blue River	Dexter / Lowell
Tactical/Simplex 147.58/446.00	Cheshire	Blachly	Creswell	Leaburg	Fall Creek
Mobile Repeater 145.25 (PL 100)	Coburg	Horton	Dorena	McKenzie Bridge	Goshen
	Junction City	Noti	Lorane	Vida	Jasper
	Mohawk Valley	Triangle Lake	Saginaw	Walterville	Oakridge
		Veneta / Elmira			Pleasant Hill
		Walton			Westfir
	Packet Nodes	Packet Nodes	Packet Nodes	Packet Nodes	Packet Nodes
	Lane	Flo	CGRV	Hagan	Oak
	Walker	Walker	Walker	Lane/Walker	Lane/Walker
		Lane	Lane		
City of Eugene					
Resource/Ops 146.88 (PL 100)	Resource Net	Resource Net	Resource Net	Resource Net	Resource Net
Tactical/Simplex 147.46	145.45 (PL 123)	145.31 (PL 100)	146.76 (PL 123)	145.37 (PL 100)	146.98 (PL 100)
	Repeater	Repeater	Repeater	Repeater	Repeater
City of Springfield		Tactical Net	Tactical Net	Tactical Net	Tactical Net
Resource/Ops 146.74 (PL 100)		Repeater	146.66 (PL 100)	443.10 (PL 100)	Repeater
Tactical/Simplex 146.44	146.56	146.48	443.025 (PL 156.7)	Repeater	147.56
	Simplex	Simplex	Repeater	146.54	Simplex
			146.46	Simplex	
			Simplex		

Additional Support Frequencies					
West Lane ARES 146.80 (PL 100) Repeater 442.575 (DCS 125 YSF) 441.100 (DCS 125 YSF) Alt Repeater	Oregon ARES D-4 146.78 (PL 156.7) Repeater 146.82 (PL 100) Alt Repeater	Lane Bloodworks 146.58 Simplex	Linn County ARES 146.61 (PL 167.9) Repeater 145.17 (PL 100) Alt Repeater 147.48 Simplex	Douglas County ARES 145.43 (PL 88.5) Repeater 146.90 (PL 100) Alt Repeater 147.50 Simplex	OEM 3964 Khz LSB Nighttime 7248 Khz LSB Daytime 1978 Wintertime
Red Cross Operations 146.72 (PL 100) Repeater 147.42 Simplex	Emerald Amateur Radio Society (EARS) 146.74 (PL 100) Repeater 146.44 Simplex	Benton County ARES 147.16 (PL 100) Repeater 147.51 Simplex	Peak Radio/W7PRA 147.08 (PL 100) 441.325 (PL 100)	SWORA 145.15 (PL 146.2) OCG 440.10 (PL 110.9)	146.46 State Simplex H&W NTS Net 3990 (0030Z)

Repeater inputs: VHF 144.10-146.97 MHz = minus 600 kHz. 147.00 MHz or higher = plus 600 kHz. UHF 420.00-450.00 MHz = plus 5 MHz.

SWORA - South-Western Oregon Repeater Association

Roman Nose (main hub)	147.380 MHz PL 146.2	Eugene, Florence, Reedsport, Elkton, Hwy 126, Hwy 101, Hwy 138
Winchester Bay Hill	147.180 MHz PL 146.2	Reedsport north up to Newport then east to Scottsburg and South to Coos Bay
Baldy Butte	146.960 MHz PL 146.2	Located above Coos Bay and covers down to Bandon
Bennett Butte	147.100 MHz PL 88.5	Located above Myrtle Point-Coquille and covers Hwy 42 Coos Bay to Roseburg and points south including the Rogue River
Lane Mountain	147.240 MHz PL 136.5	Located east of Roseburg covers down to Medford
Bear Mountain	145.150 MHz PL 146.2	Eugene covering from Albany to Roseburg.

OCG - Oregon Communication Group

Bear Mountain (Eugene/Creswell)	440.100 MHz PL 110.9	connected to Roseburg
Mount Scott (Roseburg)	444.875 MHz PL 127.3	connected to Myrtle Point-Coquille
Bennet Butte (Myrtle Point-Coquille)	444.525 MHz PL 123	connected to Port Orford
Cape Blanco (Port Orford)	440.725 MHz PL 114.8	connected to Coos Bay south
Blossom Hill (Coos Bay south)	440.800 MHz PL 103.5	connected to Coos Bay north
Baldy Butte (Coos Bay north)	444.975 MHz PL 88.5	connected to Reedsport
Winchester Bay Hill (Reedsport)	444.400 MHz PL 123	covering up to Newport
Otter Crest (Newport)	444.750 MHz PL 118.8	covering Lincoln city to Astoria and the north Willamette Valley.

This system covers almost the entire Oregon Coast line for tsunami emergency communication.

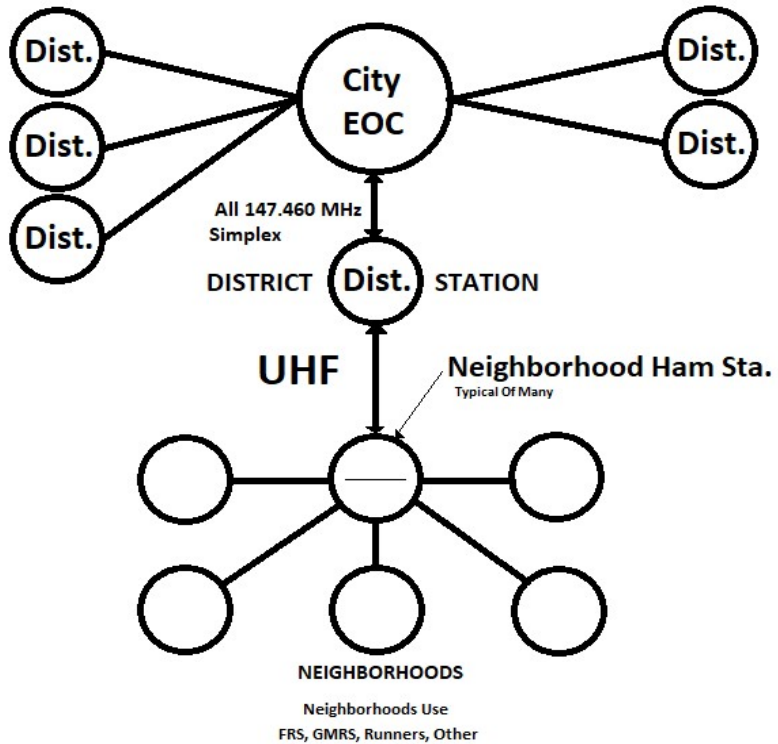
EMCOMM EUGENE**AMATEUR RADIO FREQUENCY LIST****3/13/2020**

<u>FREQUENCY</u>		<u>USE</u>			
146.880	Tone 100	City of Eugene		EMCOMM REPEATER	
147.460	Simplex	City EOC	to/from	DISTRICT STATIONS	
441.550	Simplex	NW DISTRICT STATION	to/from	NEIGHBORHOODS	1, 2, 20, 21, 22
441.575	Simplex	NE DISTRICT STATION	to/from	NEIGHBORHOODS	3, 4, 25, 26
441.600	Simplex	SW DISTRICT STATION	to/from	NEIGHBORHOODS	7, 8, 18
445.975	Simplex	SE1 DISTRICT STATION	to/from	NEIGHBORHOODS	16, 17
446.050	Simplex	SE2 DISTRICT STATION	to/from	NEIGHBORHOODS	5, 10, 11, 19, 24
446.075	Simplex	SE3 DISTRICT STATION	to/from	NEIGHBORHOODS	12, 13, 14, 15

Neighborhood Teams use FRS, GMRS, Other to/from Neighborhood Stations.

Eugene Emergency Communication Operation Plan

District Amateur Radio (Ham) Station



District Station to/from EOC via VHF Radio on **147.46 MHz Simplex**

District Station to/from Neighborhood Ham Station via UHF RADIO.

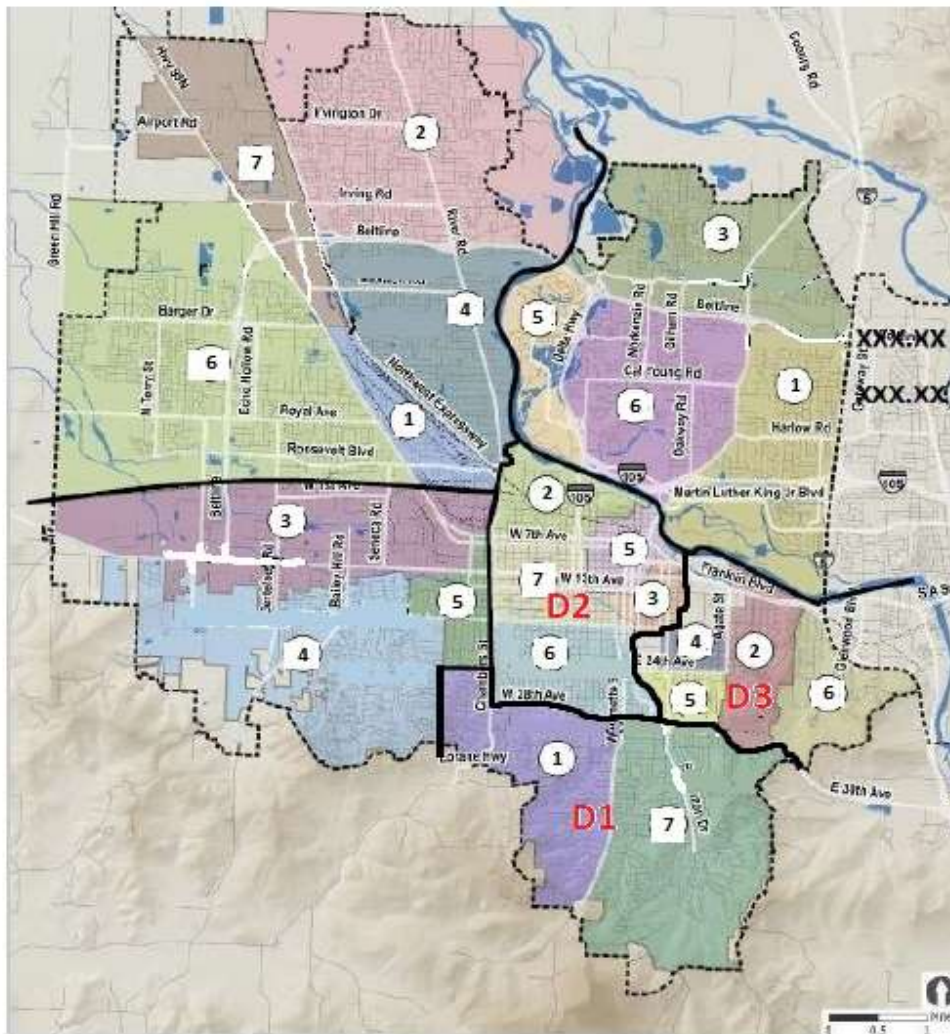
UHF SIMPLEX FREQUENCY _____ For This Neighborhood Ham Station

VHF Repeater, if available: 146.880 Mhz, PL Tone 100.0

UHF: NW District: 441.550 MHz Simplex	NE District: 441.575 MHz Simplex
SW District: 441.600 MHz Simplex	SE1 District: 445.975 MHz Simplex
	SE2 District: 446.050 MHz Simplex
	SE3 District: 446.075 MHz Simplex

Neighborhood Ham Stations use FRS, GMRS, other to work with Field Teams.

Eugene Emcomm FRS Radio Channel Usage Map



Neighborhood Organization

EmComm
channel EmComm
alternate

Northwest District

Active Bethel Citizens	6	20
Industrial Corridor Community Organization	7	21
River Road Community Organization	4	18
Santa Clara Community Organization	2	16
Trainsong Neighbors	1	15

Northeast District

Cal Young Neighborhood Association	6	20
Goodpasture Island Neighbors	5	19
Harlow Neighbors	1	15
Northeast Neighbors	3	17

Southwest District

Churchill Area Neighbors	4	18
Far West Neighborhood Association	5	19
West Eugene Community Organization	3	17

Southeast District 1

Southeast Neighbors	7	21
Southwest Hills Neighborhood Association	1	15

Southeast District 2

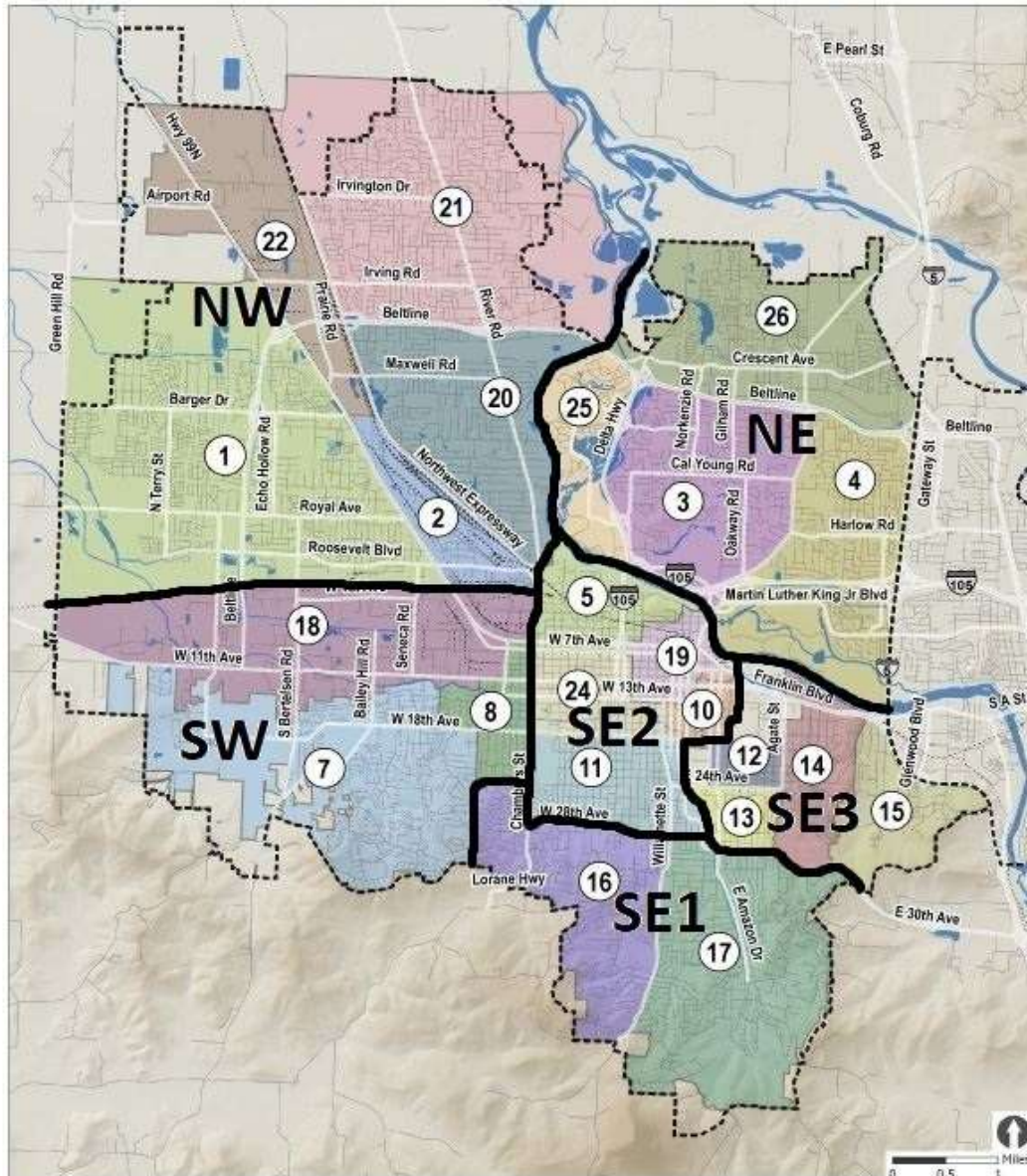
Downtown Neighborhood Association	5	19
Friendly Area Neighbors	6	20
Jefferson Westside Neighbors	7	21
West University Neighbors	3	17
West Eugene Community Organization	2	16

Southeast District 3

Amazon Neighbors Associations	5	19
Fairmount Neighbors	2	16
Laurel Hill Valley Citizens	6	20
South University Neighborhood Association	4	18

Eugene EmComm District Map

(District to/from EOC freq: 147.460 MHz Simplex)



Neighborhood Organization	Number On Map
Northwest District – 441.550 MHz Simplex	
Active Bethel Citizens	1
Industrial Corridor Community Organization	22
River Road Community Organization	20
Santa Clara Community Organization	21
Trainsong Neighbors	2
Northeast District – 441.575 MHz Simplex	
Cal Young Neighborhood Association	3
Goodpasture Island Neighbors	25
Harlow Neighbors	4
Northeast Neighbors	26
Southwest District – 441.600 MHz Simplex	
Churchill Area Neighbors	7
Far West Neighborhood Association	8
West Eugene Community Organization	18
Southeast District 1 – 445.975 MHz Simplex	
Southeast Neighbors	17
Southwest Hills Neighborhood Association	16
Southeast District 2 – 446.050 MHz Simplex	
Downtown Neighborhood Association	19
Friendly Area Neighbors	11
Jefferson Westside Neighbors	24
West University Neighbors	10
Whiteaker Community Council	5
Southeast District 3 – 446.075 MHz Simplex	
Amazon Neighbors Associations	13
Fairmount Neighbors	14
South University Neighborhood Association	12
Laurel Hill Valley Citizens	15

LANE COUNTY PACKET FREQUENCIES			
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Frequency	Node	Callsign	Served Area
144.390	various	various	various APRS
144.910	CGRV	KD7CGF-1	South Lane
144.930	HAGAN	K7SLA-1	McKenzie Valley
144.930	LANE	W7ZQD-7	Wide Area
144.930	OAK	W7ZQD-8	Oakridge
144.950	FLO	W7FLO-2	West Lane/Coast
145.030	WALKER	W7SLA-1	West/Central Lane
144.910	ROMAN	W7ZQE-2	West/Central Lane

NODE ROUTES OUT OF LANE COUNTY			
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Northbound:	LYONS	KA7UPD-1	Salem
Southbound:	DC	WB6RHW	Roseburg 12/9/19 <i>status unknown</i>

SIGNIFICANT LOCATION			
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Frequency	Node	Callsign	Location
144.910	CGRV	W7ZQE*	Cottage Grove Hospital Keyboard

*Note: all these have mailboxes at callsign-3

RMS – WINLINK GATEWAYS			
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Frequency	Callsign	Routing	Location
<i>Local</i>			
145.030	W7EUG-10	Direct OR via WALKER	Eugene (Lane Co EOC)
<i>Neighboring Areas/Counties</i>			
144.930	WA6KHG-11	via DC	Glide
144.930	K7RGB-10	via DC	Roseburg
144.950	W7FLO-10	via FLO / W7FLO-2	Florence
144.950	K7LIN-10	via FLO or LYONS*	Albany
144.950	W7GC-11	via FLO	Mt. Hebo
144.970	K7CVO-10	Direct (from N Lane)	Corvallis
144.970	N8GF0-10	Direct (from N Lane)	North Corvallis
145.030	W7FLO-12	via W7FLO-9	Glenada Hill
14.1045	W7FLO HF*	Pactor 1-3, VARA, ARDOP or WINMOR (EMCOMM)	

- When connecting via LYONS use Port 1, ex: "C 1 K7LIN-10"
- LMARG medical facilities should use 145.060 for packet comms.
- Florence and Cottage Grove Hospitals will use their local frequencies and connect to others via packet node system.
- W7FLO HF is for EMCOMM and not PUBLIC

NOAA Weather Channels

162.400 MHz	KEC42	Eugene	All of Lane Co	44.04, -123.19
162.500 MHz	WNG674	Florence	West Lane Co	44.09, -124.00
162.550 MHz	KIH33	Newport	NW Lane Co	44.68, -124.01
162.475 MHz	WXL96	Salem	Central Lane Co	45.03, -122.94

Other

27.065 MHz	CB Channel 9	Emergency and roadside assistance only
146.520 MHz		2 Meter Calling Channel

Important Phone Numbers

(541) 942-9145 ext 1	Cottage Grove PD non-emergency
(541) 682-5111	Eugene PD non-emergency
(541) 997-3515	Florence PD non-emergency
(541) 682-4141	Lane County Sheriff's Office non-emergency
(541) 726-2525 (800) 442-0776	Oregon State Police - Lane County and north or east
(800) 442-2068	Oregon State Police - Douglas County and south
(541) 726-3714	Springfield PD non-emergency

EOC Call Signs

W7EUG	Lane EOC	Lane County	44.051573, -123.090447	420 ft
W7COE	Eugene EOC	City of Eugene	44.080113, -123.074201	427 ft
W7SFD	Springfield EOC	City of Springfield	44.047517, -123.02144	459 ft
W7FLO	Florence EOC	City of Florence	43.989562, -124.101991	62 ft