

NCE CHANNEL STUDY MAPS

STATE OF OREGON

Potential transmitter sites must be outside of any indicated contours.
Proposed New 60dBu contours cannot cross other stations' RED protected contours

Prepared by Brown Broadcast Services, Inc.
August 19, 2021

BROWN BROADCAST SERVICES
INCORPORATED

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3740 S.W. Comus St.

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GENERAL SUMMARY

Attached are 20 Channel Maps, showing the protected and interfering contours of all stations that could affect applicants for new NCE FM stations in the Reserved Band (88.1 to 91.9MHz), to serve listeners within the state. The FCC has announced a Filing Window for new Reserved Band stations, for November 2-9, 2021.

To evaluate these maps:

1. A new full-power NCE station must have its transmitter site located in an unshaded (white) area. In some cases, the best location may be in a neighboring state.
2. The proposed 60dBu protected service contour cannot overlap with any red contour on the map.
3. The proposed 60dBu contour can overlap any magenta contour, but the transmitter site cannot be inside of *any* contour.
4. Existing stations with an orange contour are co-channel. Those with a cyan contour are first-adjacent ($\pm 200\text{KHz}$). Those with a magenta contour are 2nd or 3rd-adjacent (± 400 or 600KHz).
4. For proposed stations on 91.5, 91.7, and 91.9MHz, these maps may not be 100% accurate. Protection of non-reserved-band stations is primarily based on a spacing matrix and dependent on the classes of the two stations. As an alternative, a showing of contour protection is allowed under certain conditions. Proposals on these three frequencies may have slightly more or slightly less flexibility than is shown on these maps.
5. These maps are only a starting point. No guarantees are expressed or implied. The station database may change in the coming months.

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OREGON NCE OPPORTUNITIES - 2021 WINDOW

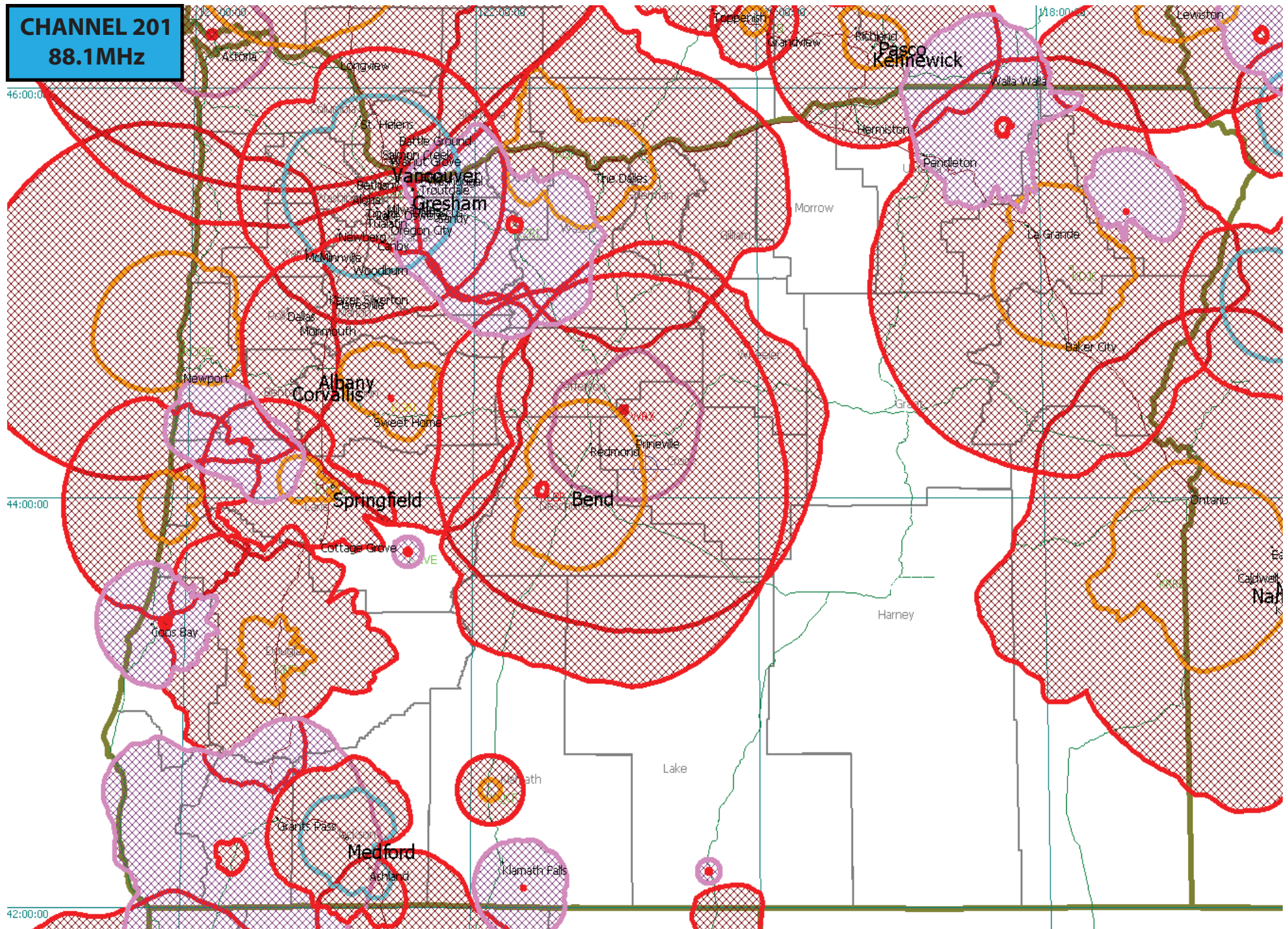
v08Aug2021

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AREAS	CHAN	FREQ	NOTES
Albany	207	89.3	rimshot
Baker	210	89.9	
Bandon	201	88.1	
Bandon	206	89.1	
Bend	215	90.9	might be possible with 2nd adj waiver and booster in Bend
Brookings	208	89.5	also Crescent City
Brookings	209	89.7	also Crescent City
Burns	SEVERAL		
Cannon Beach	211	90.1	
Cave Junction	217	91.3	
Cottage Grove	202	88.3	suitable site unknown
Detroit	211	90.1	Mill City etc.
Gold Beach	208	89.5	
Gold Beach	209	89.7	
Hood River	207	89.3	
John Day	SEVERAL		
Klamath Falls	201	88.1	
Lakeview	SEVERAL		
Langlois	201	88.1	
Langlois	206	89.1	
Lebanon	207	89.3	
Newport	207	89.3	co-channel in Gleneden Beach
Oakland	212	90.3	
Ontario	214	90.7	
Ontario	216	91.1	
Pacific City	205	88.9	
Port Orford	202	88.3	
Port Orford	206	89.1	
Roseburg	212	90.3	possible rimshot
Seaside	207	89.3	
Seaside	211	90.1	
Sutherlin	212	90.3	
The Dalles	213	90.5	
The Dalles	215	90.9	
Waldport	211	90.1	
Waldport	207	89.3	
Warm Springs	215	90.9	
Yachats	211	90.1	
Yachats	207	89.3	

There are several channel opportunities throughout the eastern-half of the state, outside of the I-84 corridor.

CHANNEL 201
88.1MHz



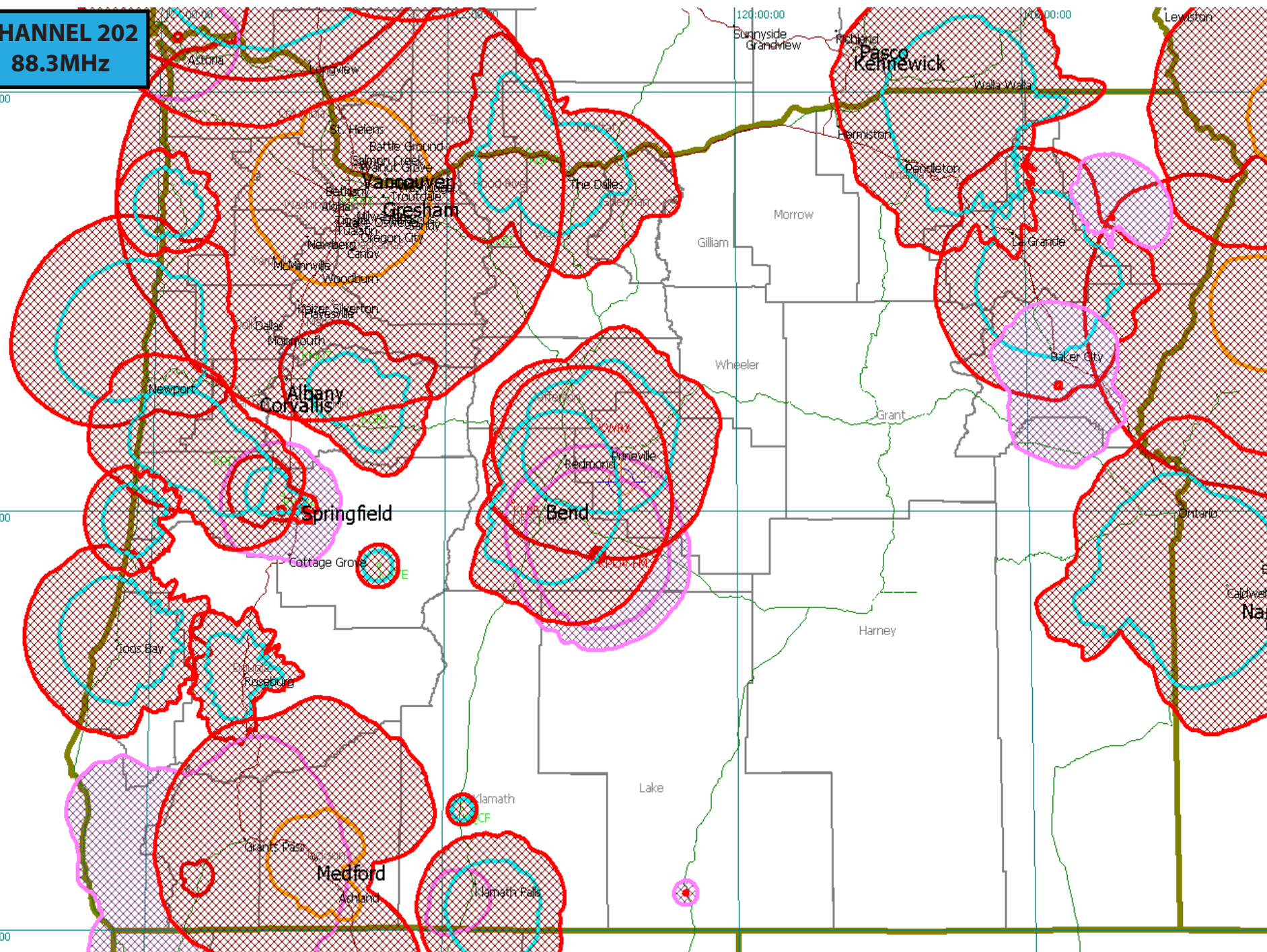
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 202
88.3MHz

46:00:00

44:00:00

42:00:00



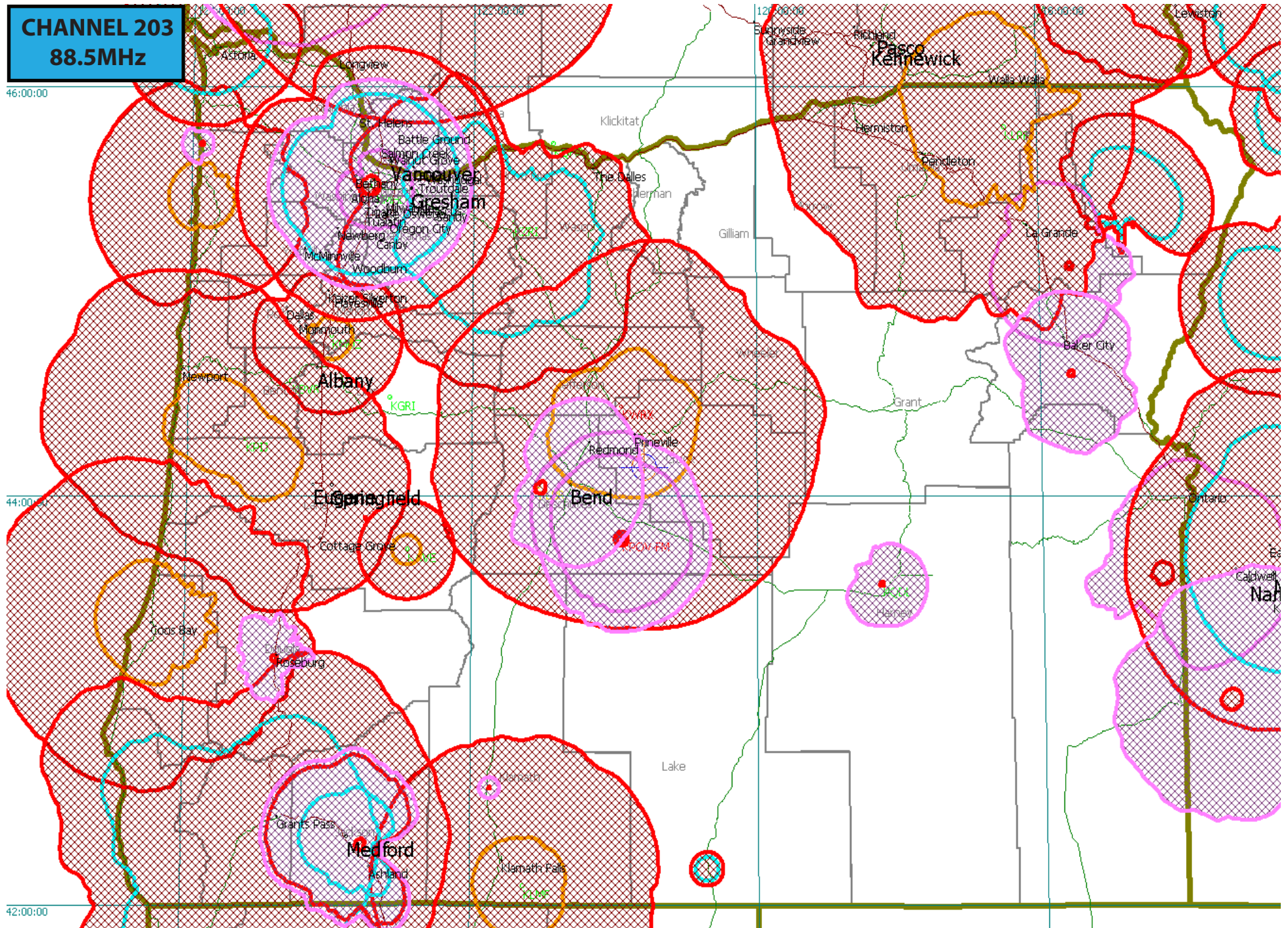
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 203
88.5MHz

46:00:00

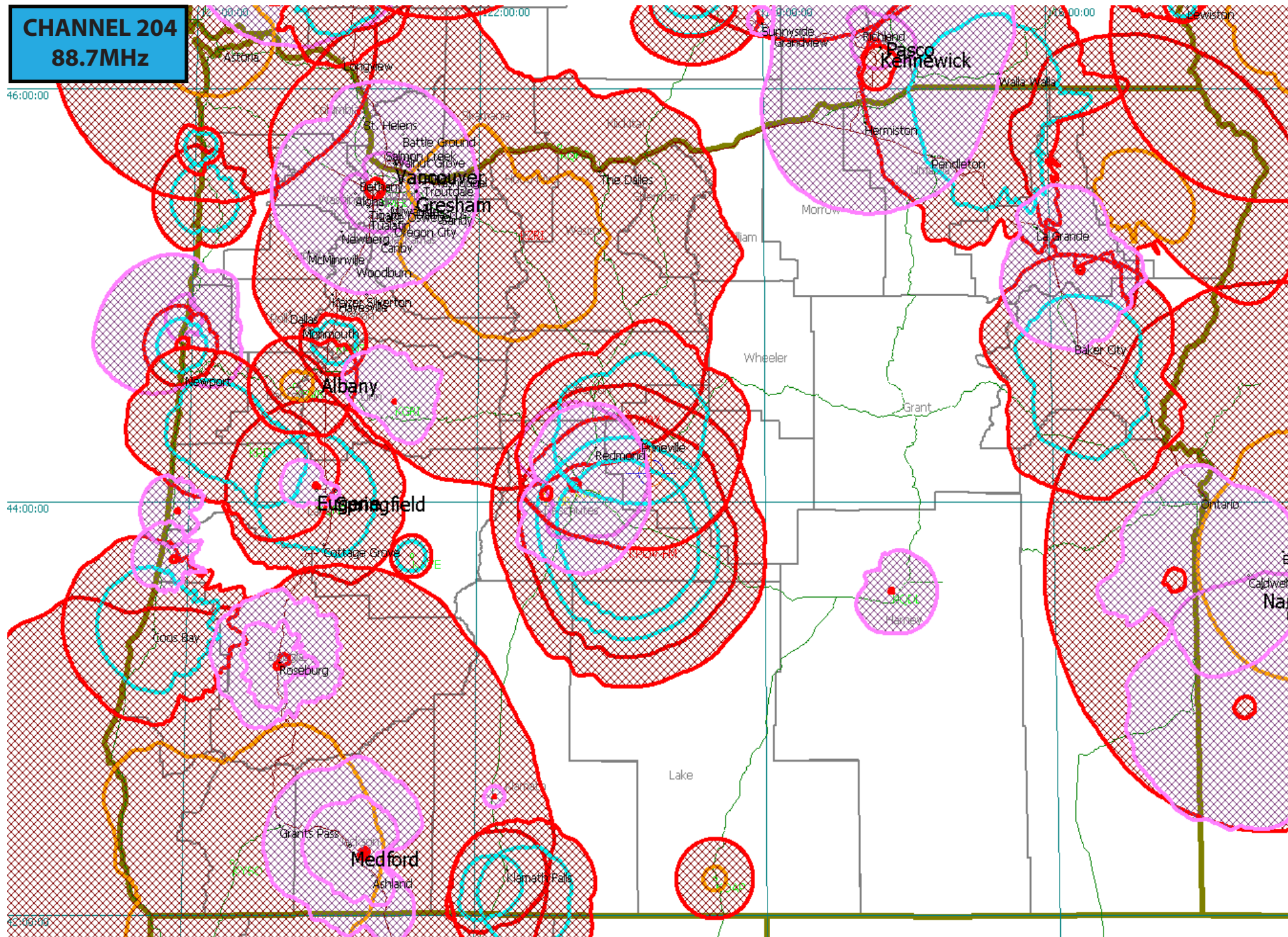
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42:00:00



BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 204
88.7MHz



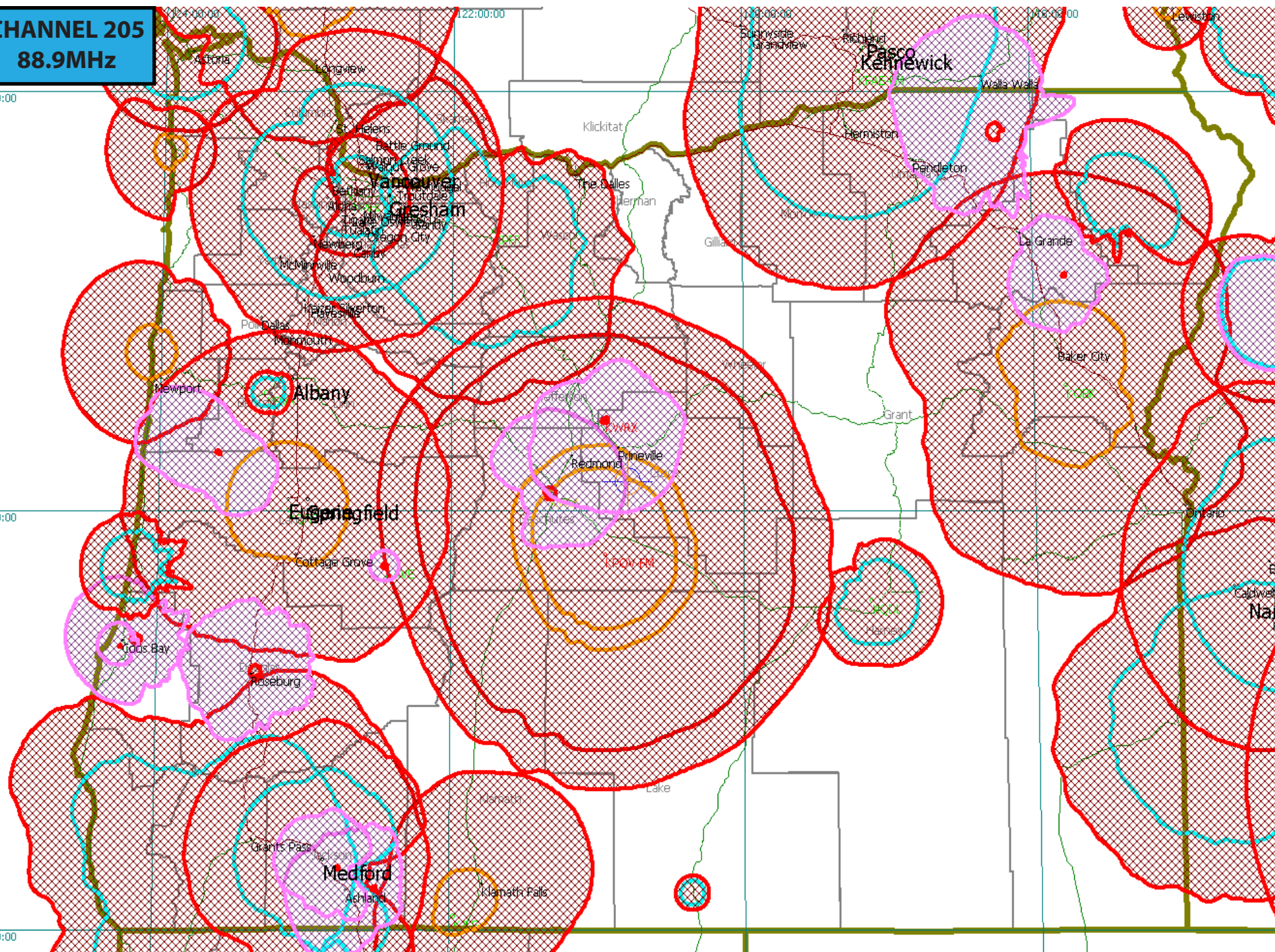
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 205
88.9MHz

46:00:00

44:00:00

42:00:00



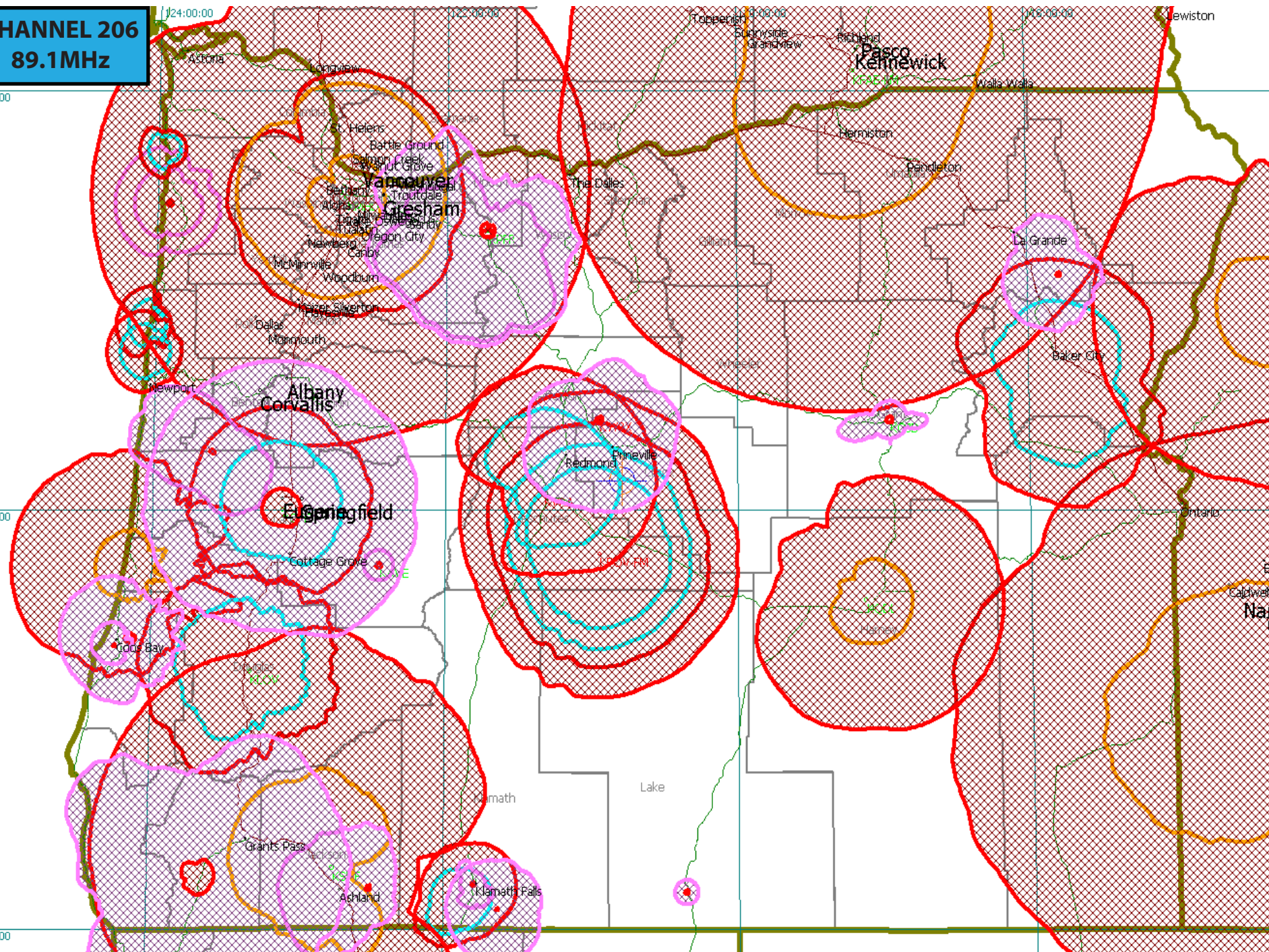
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 206
89.1MHz

46:00:00

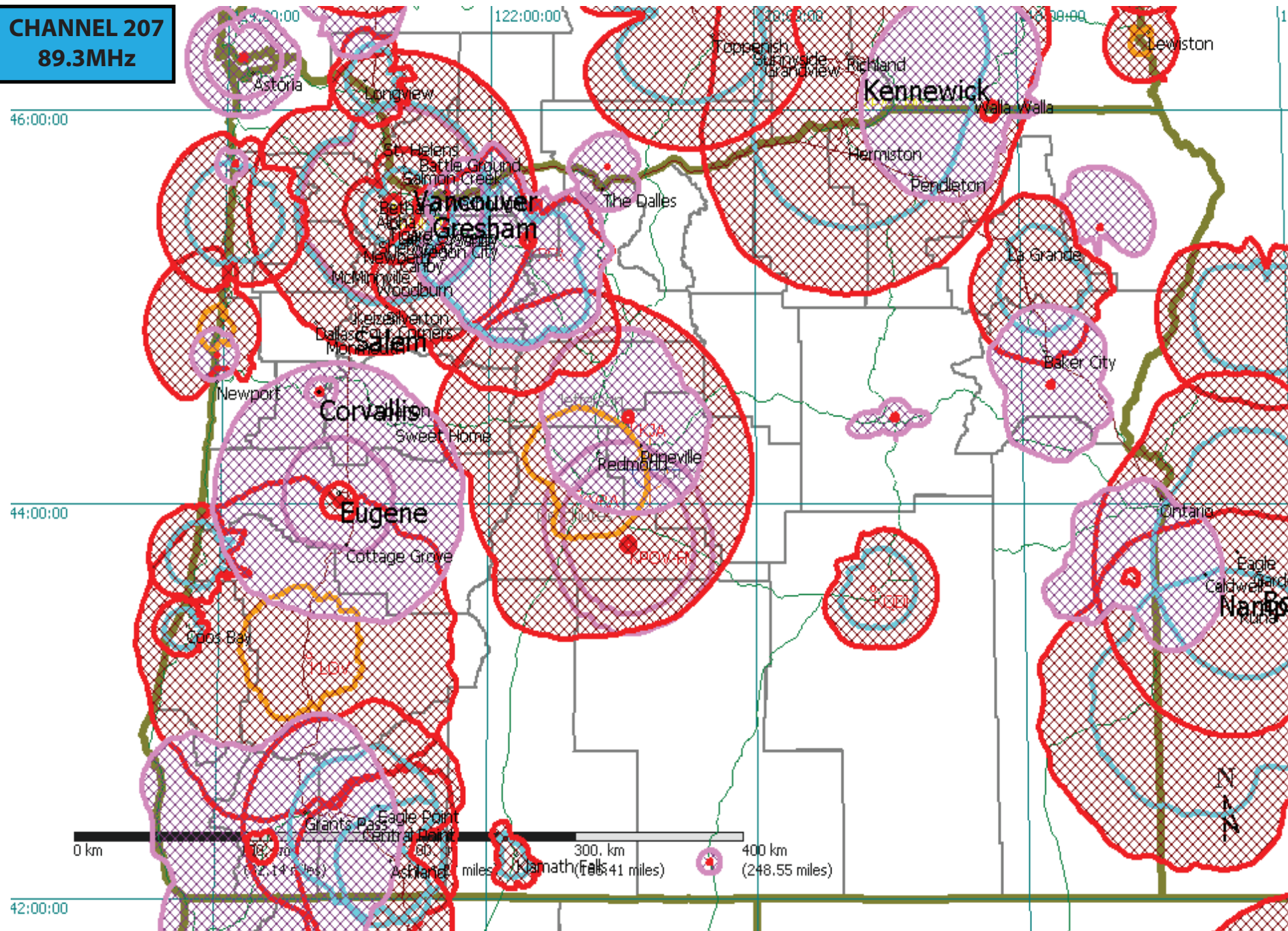
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42:00:00



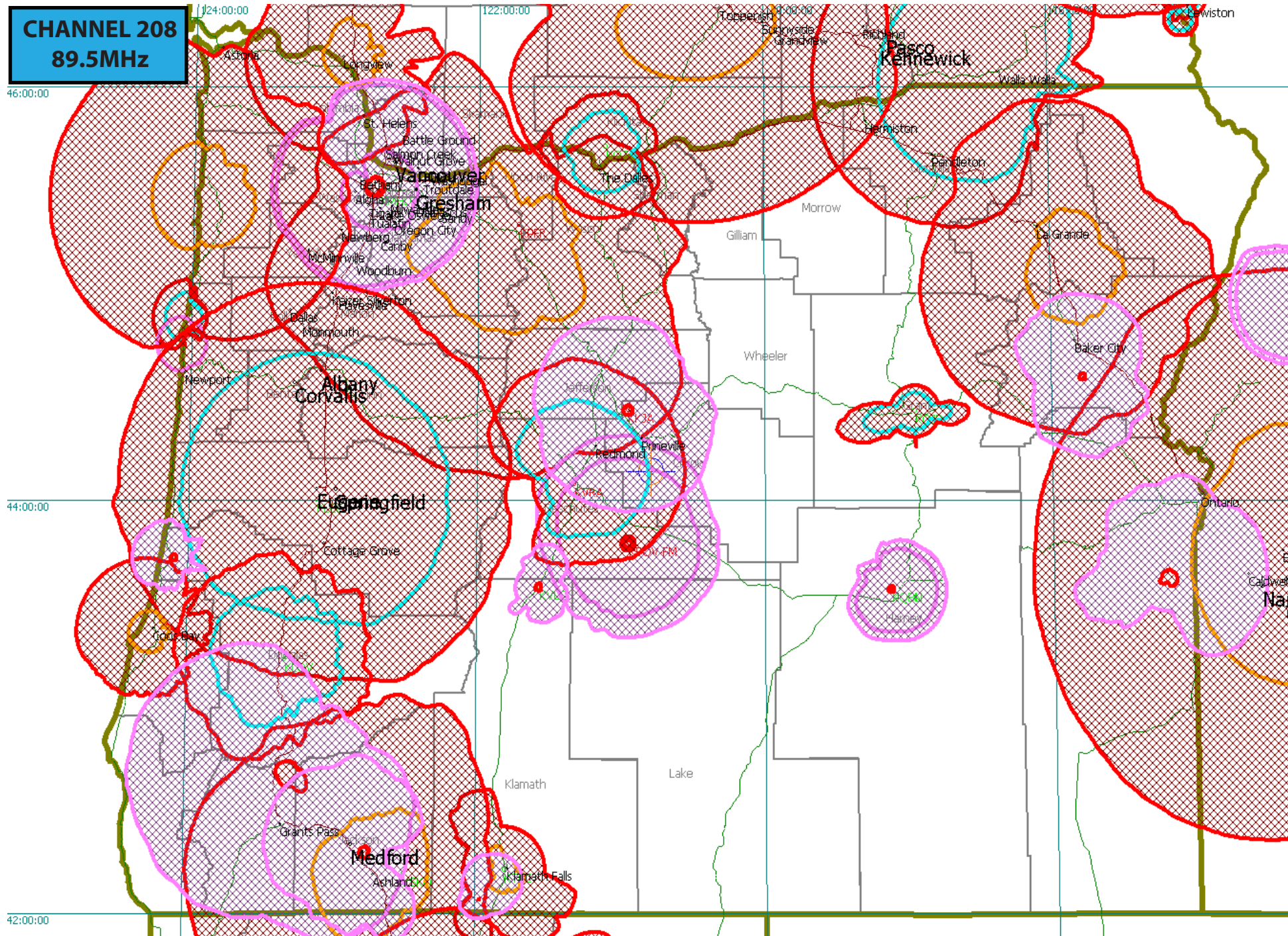
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 207
89.3MHz



BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 208
89.5MHz



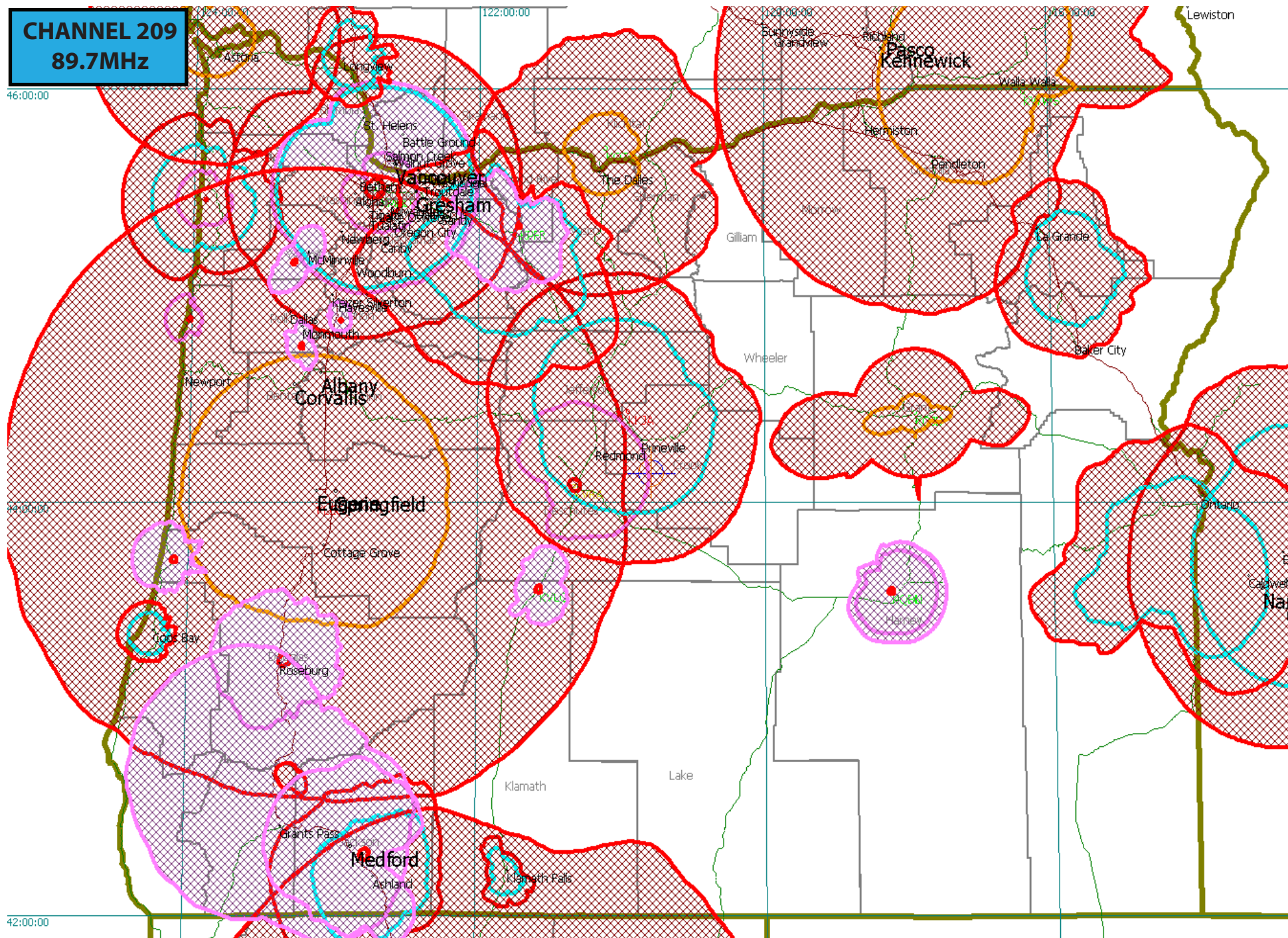
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 209
89.7MHz

46:00:00

44:00:00

42:00:00



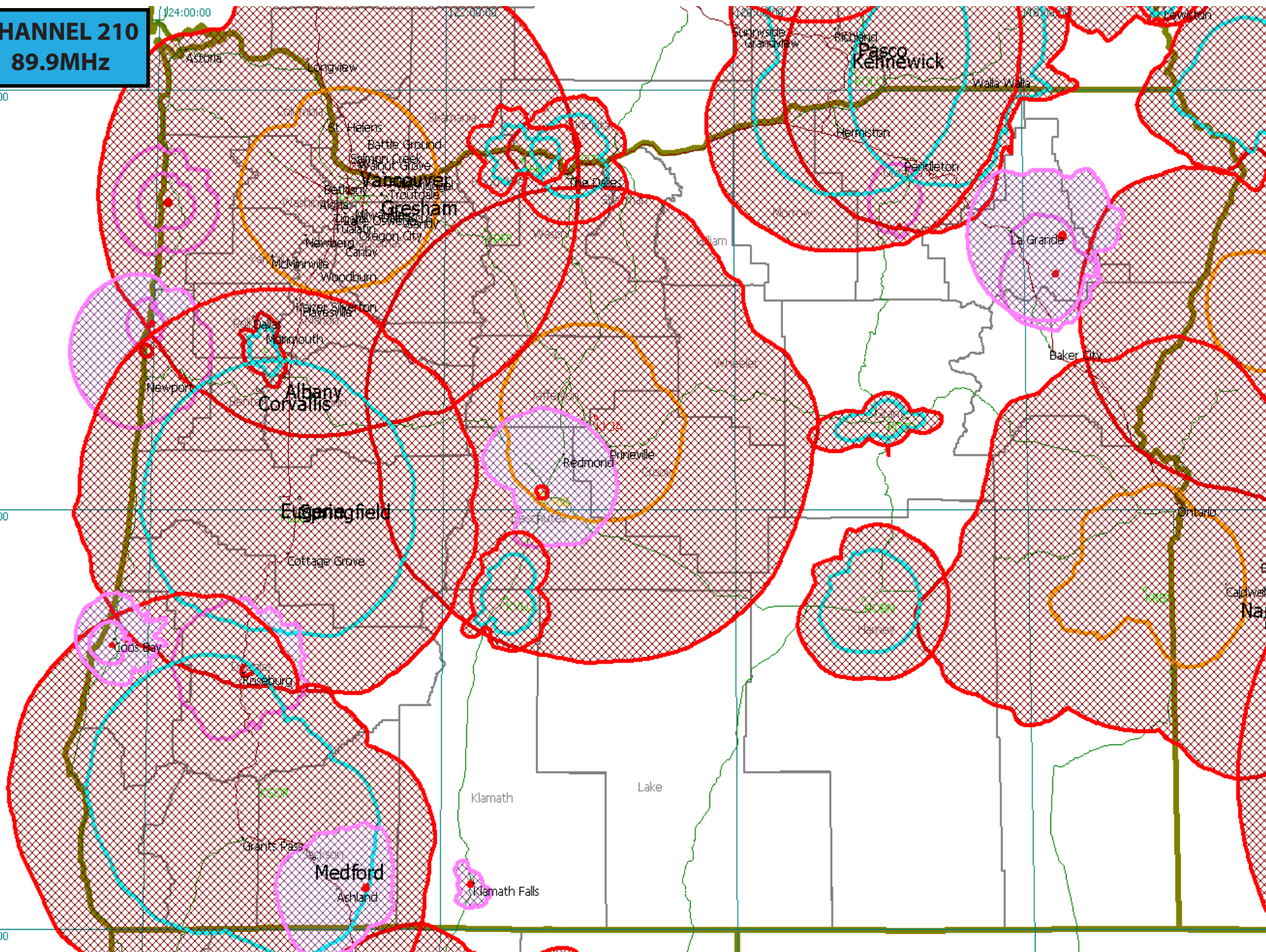
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 210
89.9MHz

46:00:00

44:00:00

42:00:00



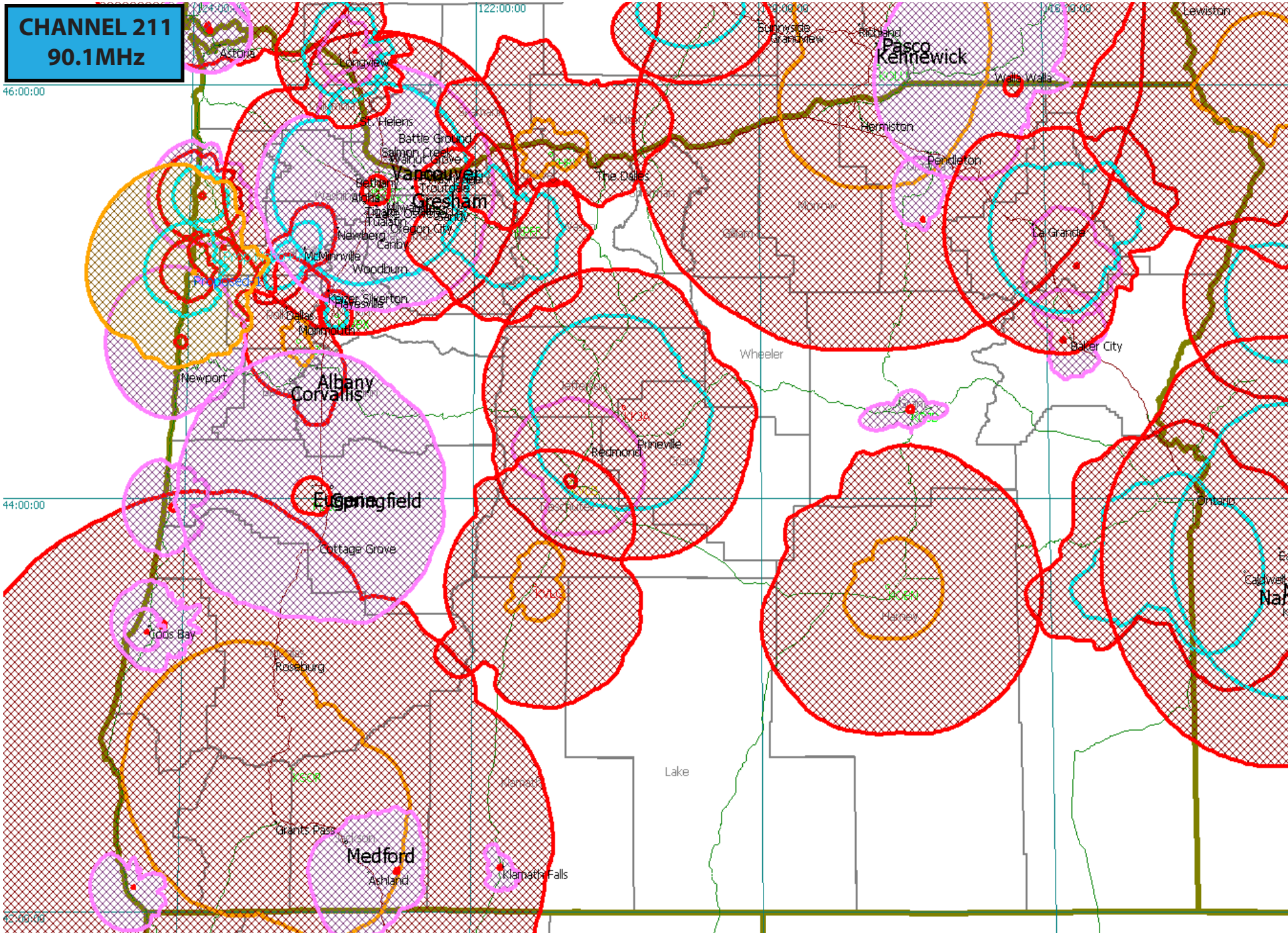
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 211
90.1MHz

46:00:00

44:00:00

42:06:06



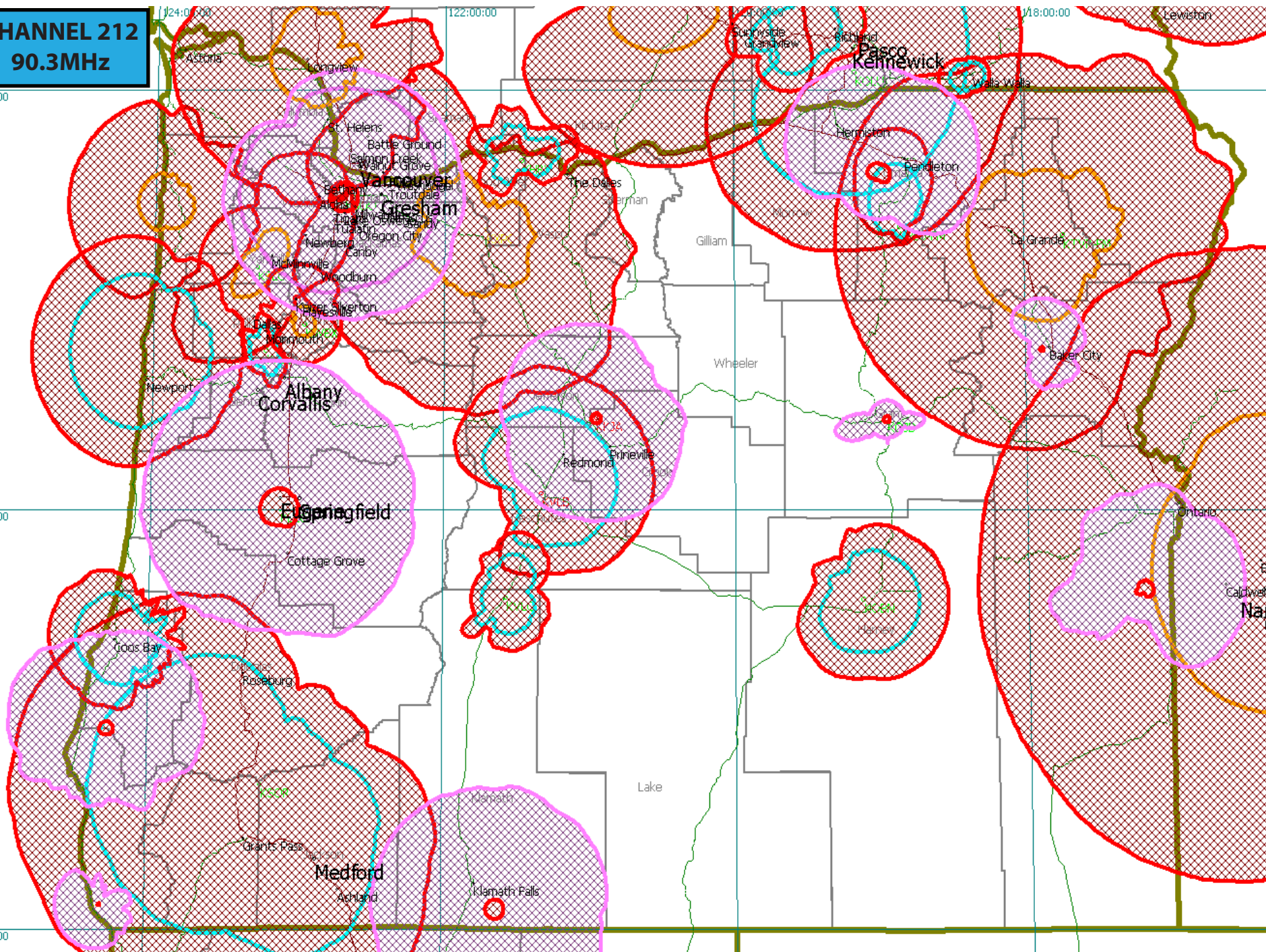
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 212
90.3MHz

46:00:00

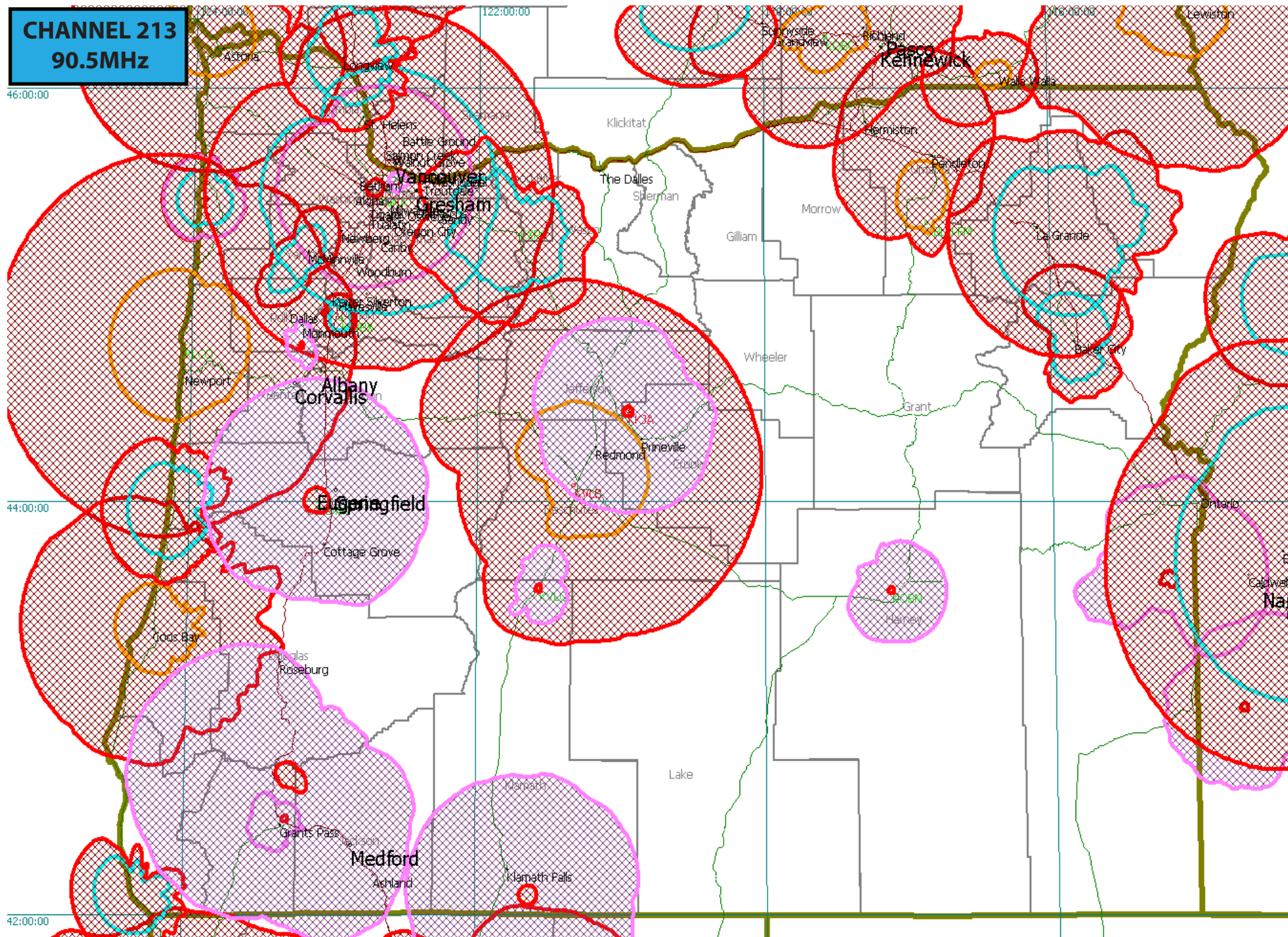
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42:00:00



BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 213
90.5MHz



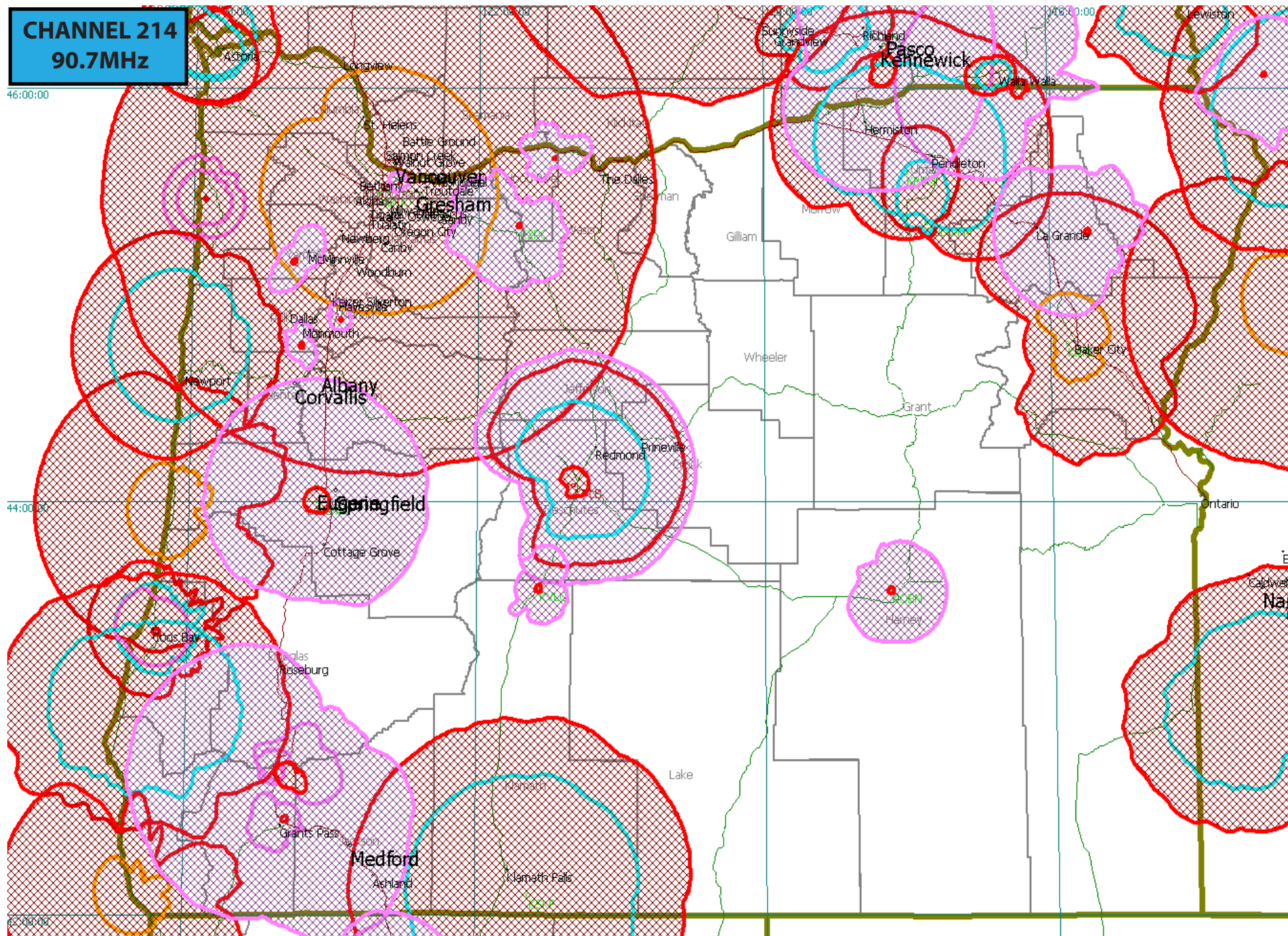
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 214
90.7MHz

46:00:00

44:00:00

42:00:00



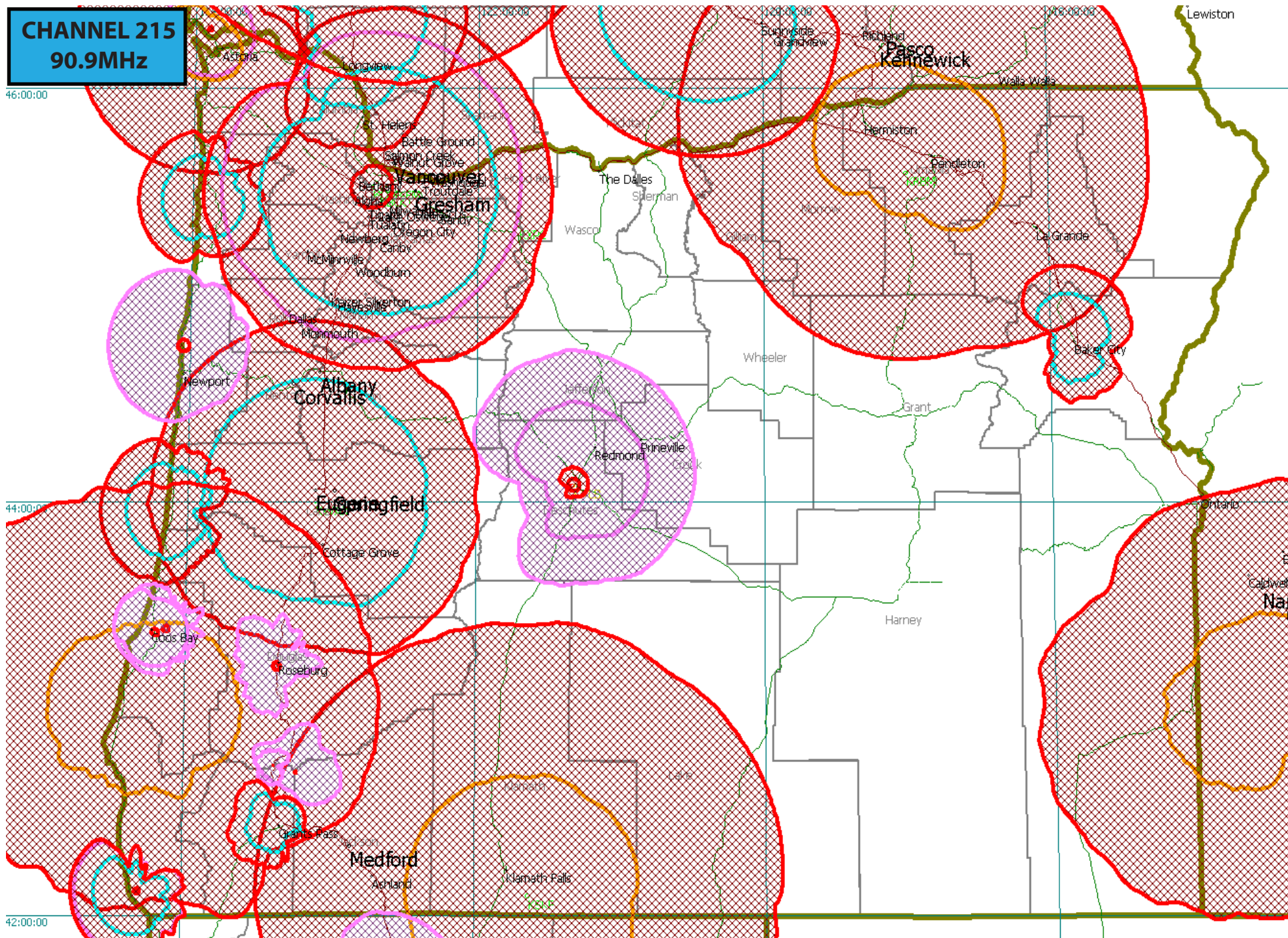
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 215
90.9MHz

46:00:00

44:00:00

42:00:00



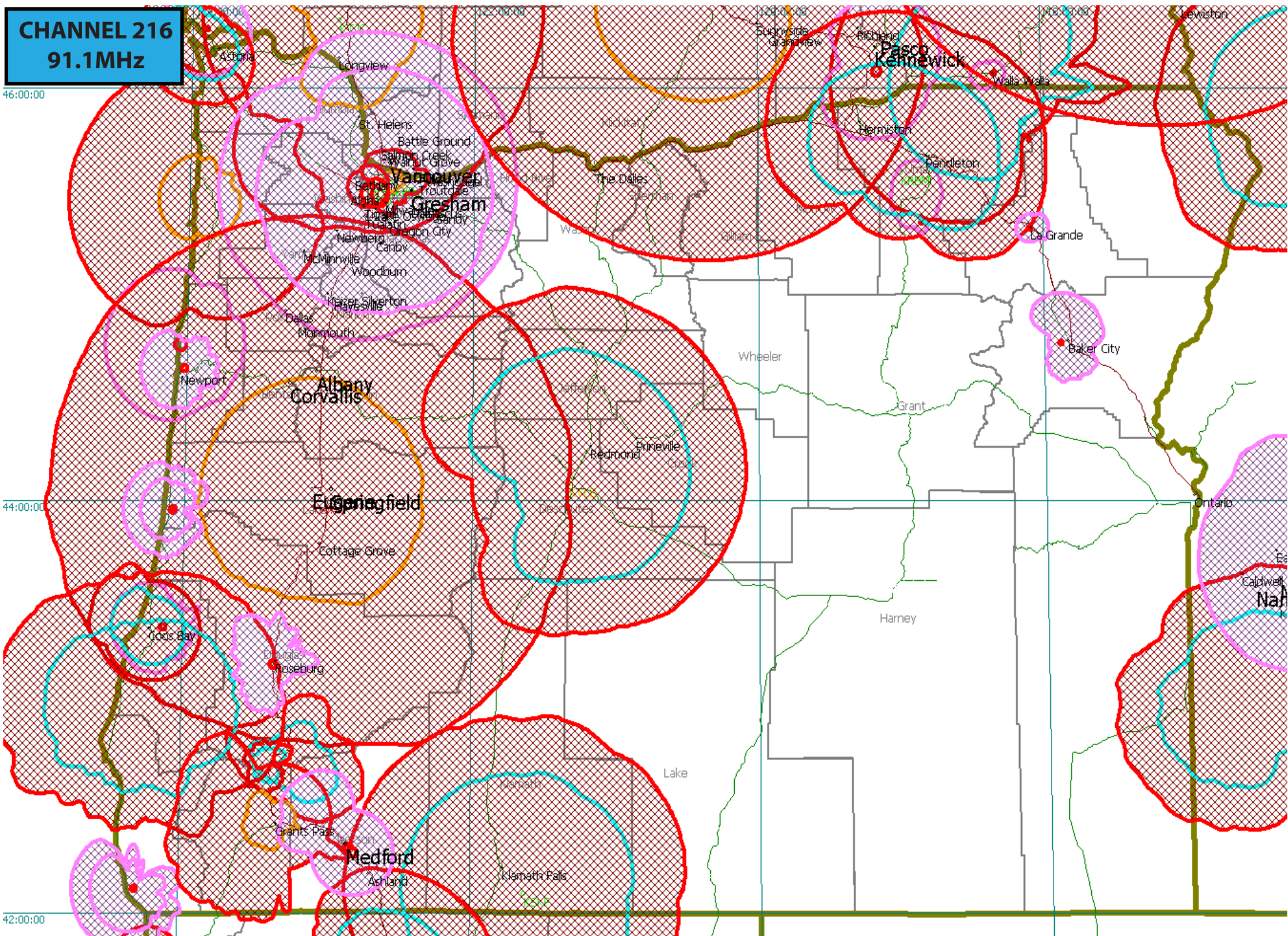
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 216
91.1MHz

46:00:00

44:00:00

42:00:00



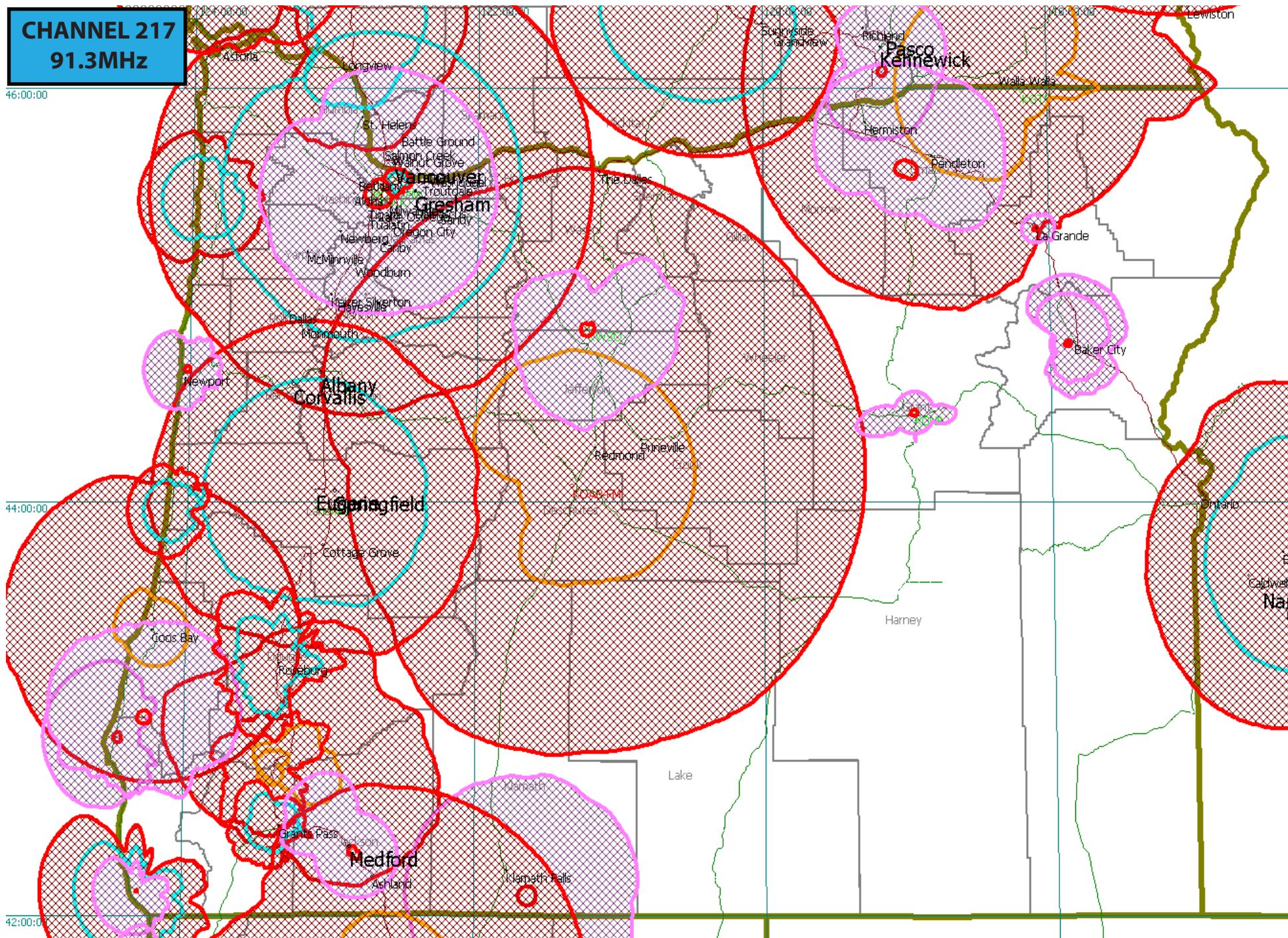
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 217
91.3MHz

46:00:00

44:00:00

42:00:00



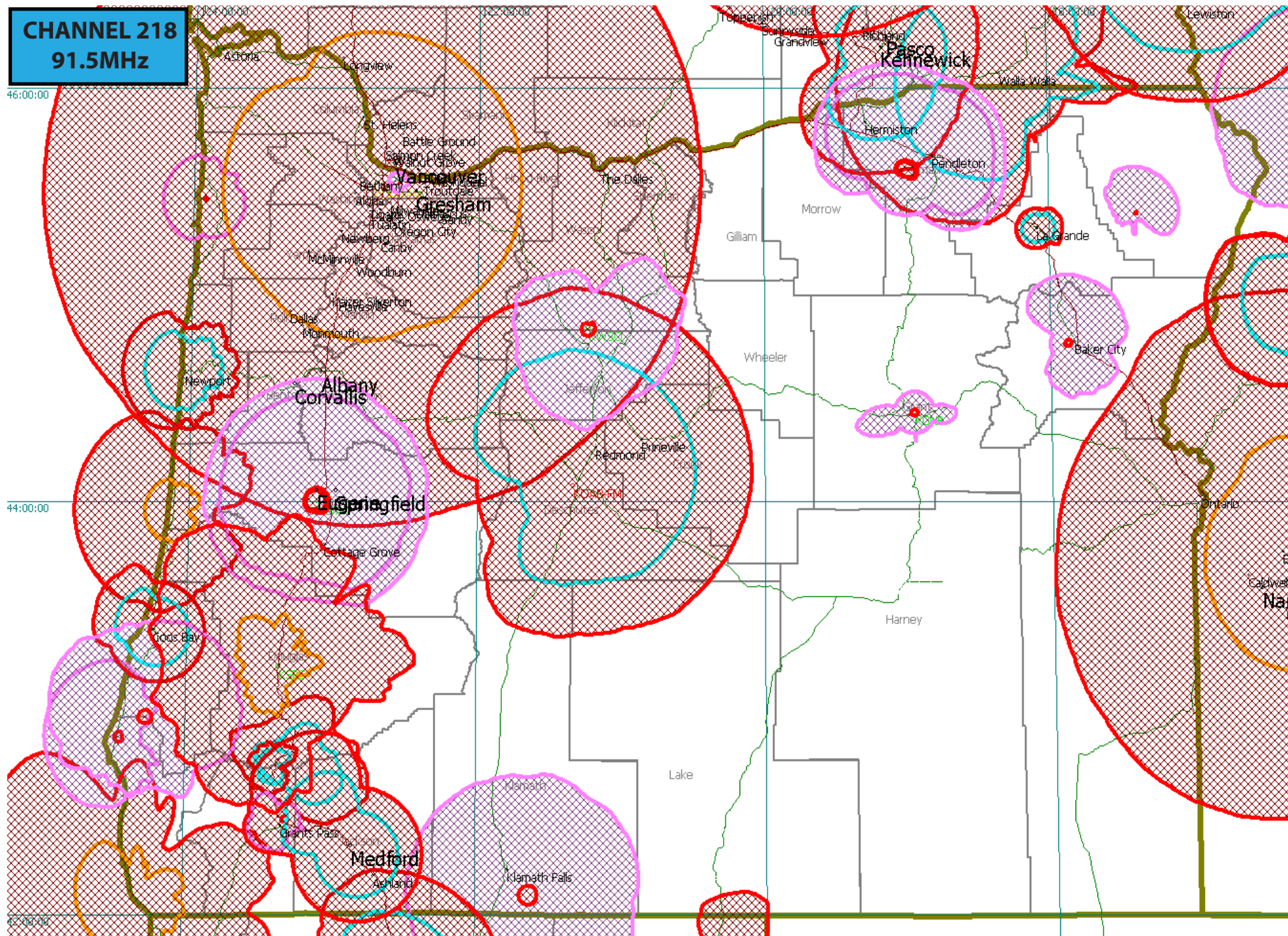
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 218
91.5MHz

46:00:00

44:00:00

42:00:00



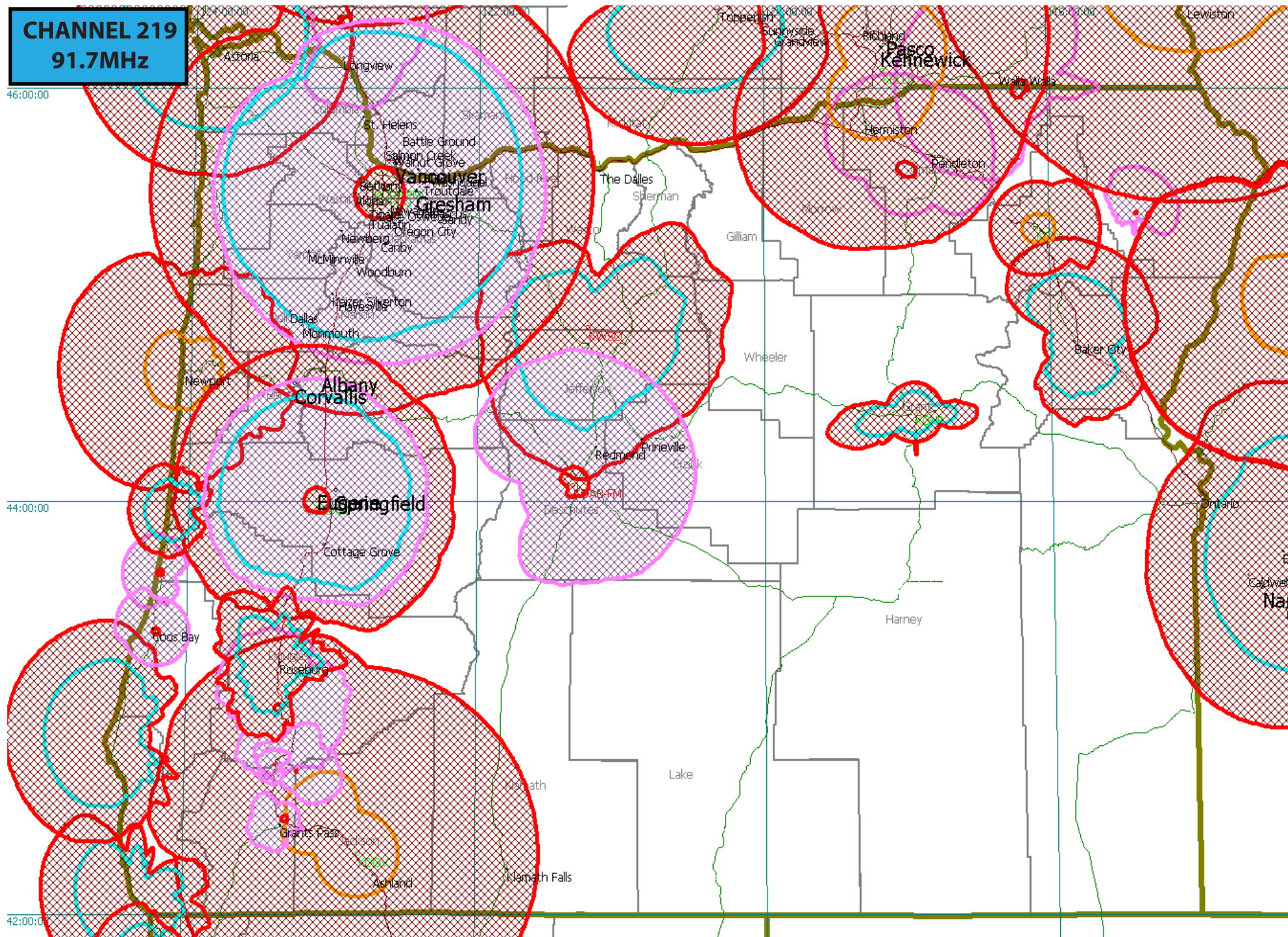
BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 219
91.7MHz

46:00:00

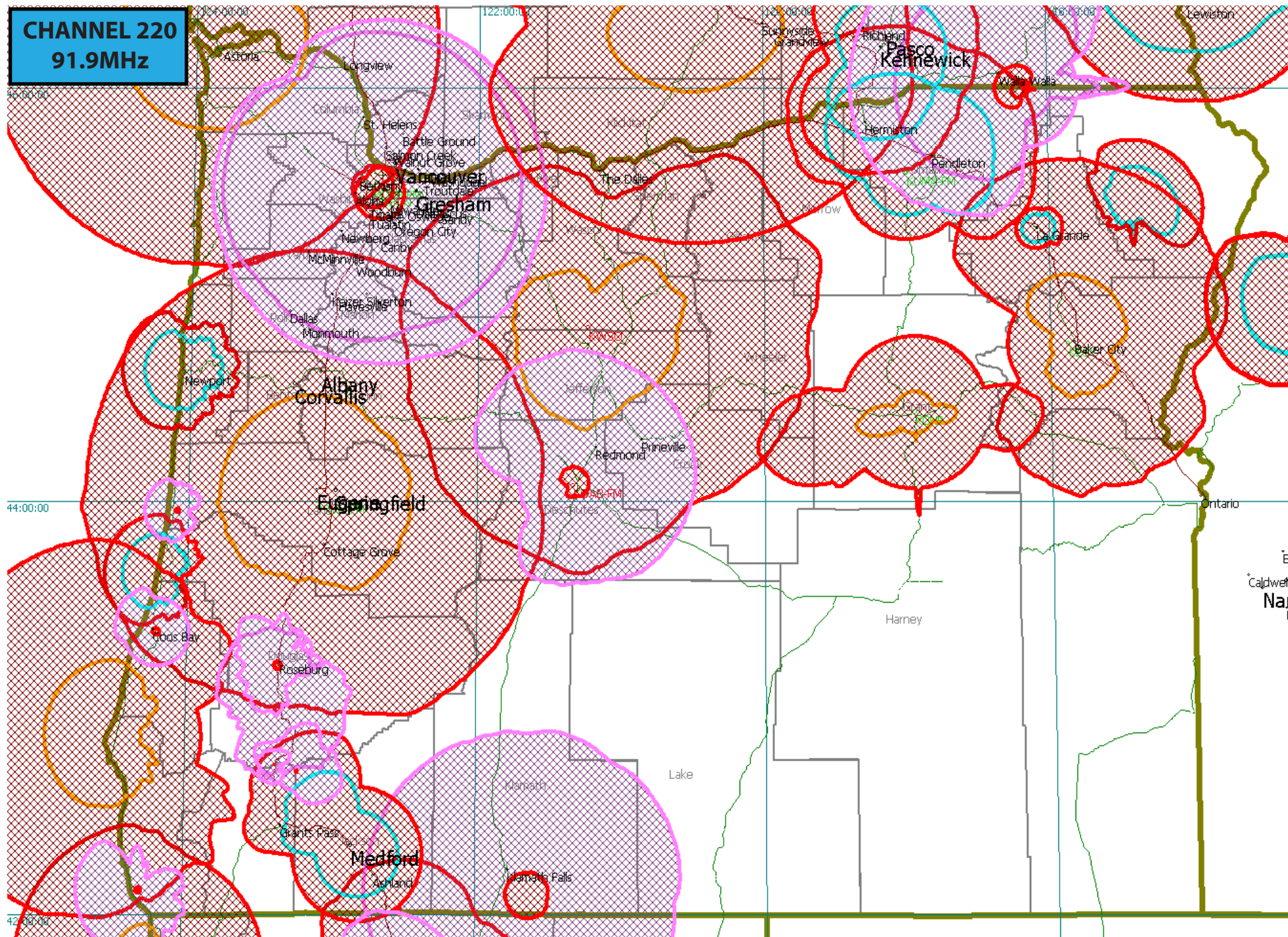
44:00:00

42:00:00



BROWN BROADCAST SERVICES
Portland, OR
503-245-6065

CHANNEL 220
91.9MHz



BROWN BROADCAST SERVICES
Portland, OR
503-245-6065