## TECHNICAL STATEMENT RADIO MULTIPLE OWNERSHIP ANALYSIS

This radio multiple ownership analysis was prepared to demonstrate that ownership of the following stations complies with the FCC's "Interim" contour analysis method. ${ }^{1}$ Specifically, the following stations were analyzed:

| Call Sign / Facility ID | Location | Facilities |
| :---: | :---: | :---: |
| KAAK(FM) / 63872 <br> Licensed Facility | Great Falls, MT | Channel 255C1 $100 \mathrm{~kW} \quad 147 \mathrm{~m}$ |
| KLFM(FM) / 56665 <br> Licensed Facility | Great Falls, MT | Channel 225C1 $100 \mathrm{~kW} \quad 125 \mathrm{~m}$ |
| KMON-FM / 62331 <br> Licensed Facility | Great Falls, MT | Channel 233C1 $100 \mathrm{~kW} \quad 151 \mathrm{~m}$ |
| KVVR(FM) / 84237 <br> Licensed Facility | Dutton, MT | Channel 250C1 $100 \mathrm{~kW} \quad 218 \mathrm{~m}$ |
| KMON(AM) / 62330 <br> Licensed Facility | Great Falls, MT | $560 \mathrm{kHz}, 5 \mathrm{~kW}-\mathrm{U}, \mathrm{DA}-\mathrm{N}$ |

The principal community contours of these stations are depicted on a map included herein as Figure 1. Since the principal community contours ( $5 \mathrm{mV} / \mathrm{m}$ for AM stations, $3.16 \mathrm{mV} / \mathrm{m}$ for FM stations) of all five (5) stations are involved in common overlap, an ownership study was prepared in accordance with the Federal Communications Commission multiple ownership rules as outlined in Section 73.3555.

## Radio Markets

The "radio market" applicable to common ownership of the subject stations are defined as the area encompassed by the mutually overlapping principal community contours of the stations proposed to be commonly owned. As listed in the Table below, there is one (1) defined "radio market" formed by the subject stations:

| Defined Radio <br> Market | AM Stations | FM Stations that Define the Radio Market |
| :---: | :---: | :---: |
|  | KMON | KAAK, KLFM, KMON-FM, KVVR |

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## Count of Stations in Defined Markets

The number of radio stations in a "radio market" is determined by counting the operating stations having principal community contours that overlap or intersect the principal community contours, which define the radio market. Only those stations located within 92 km of the perimeter of the mutual overlap area of the defined market area were employed in the count of stations. Commonly owned stations, other than those that form the market in question were not considered in the count of stations in the defined market. The results of the analysis are tabulated below:

| Defined Radio Markets | Total Number of Stations in the Radio Market |
| :---: | :---: |
| Market 1 | 6 AM, 26 FM, 32 Total |

Figure 1 also depicts the principal community contours of other FM stations in the defined market. Figure 2 is a tabulation of the AM and FM stations in the defined market. Only known licensed, operating AM and FM stations were employed for the study. Distances to the AM coverage contours were predicted using the antenna patterns as identified in the Commission's AM database and the appropriate Ground Wave Field Strength versus Distance Graph of 47 CFR 73.184. Ground conductivity data were obtained from FCC Figure M3. Distances to the FM contours were determined based on the method of 47 CFR 73.313. Terrain data was derived from the USGS 1 -second computer database for each of the FM stations using radials evenly-spaced every 5 degrees of azimuth.

Pursuant to Section 73.3555(a)(1)(ii), in a radio market with between 30 and 44 (inclusive) full-power, commercial and noncommercial radio stations, an entity may have a cognizable interest in up to 7 commercial radio stations in total, with not more than 4 commercial stations in the same service (AM or FM).

Therefore, ownership of the aforementioned stations complies with Section 73.3555(a)(1)(ii) of the FCC Rules.

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Kilometers

## MARKET 1

PRINCIPAL COMMUNITY CONTOURS OF SUBJECT STATIONS AND OF OTHER AM AND FM STATIONS IN THE MARKET

du Treil, Lundin \& Rackley, Inc. Sarasota, Florida

## Taulation of Stations in Radio Market

Market 1
FM Contours

| Call Sign | Community of License | State | Status | Ch./Freq. |
| :---: | :---: | :---: | :---: | :---: |
| KGFJ | BELT | MT | L2C | 201 C2 |
| KIKF | CASCADE | MT | AMD | 285 C |
| KUDI | CHOTEAU | MT | L2C | 204 A |
| KTZZ | CONRAD | MT | L2C | 229 C1 |
| KVVR | DUTTON | MT | AMD | 250 C 1 |
| KINX | FAIRFIELD | MT | MOD | 274 C1 |
| KYPZ | FORT BENTON | MT | L2C | 241 A |
| KAAK | GREAT FALLS | MT | L2C | 255 C1 |
| KAFH | GREAT FALLS | MT | L2C | 218 A |
| KGFA | GREAT FALLS | MT | L2C | 214 A |
| KGFC | GREAT FALLS | MT | L2C | 205 A |
| KGPR | GREAT FALLS | MT | L2C | 210 C3 |
| KLFM | GREAT FALLS | MT | L2C | 225 C1 |
| KMON-FM | GREAT FALLS | MT | L2C | 233 C1 |
| KFRW | GREAT FALLS | MT | MOD | 220 C2 |
| KLSK | GREAT FALLS | MT | MOD | 262 C1 |
| KBLL | HELENA | MT | L2C | 258 C1 |
| KVCM | HELENA | MT | L2C | 276 C1 |
| KZMT | HELENA | MT | MOD | 266 C |
| KMTX | HELENA | MT | AMD | 287 C0 |
| KMXM | HELENA VALLEY NE | MT | MOD | 272 C2 |
| KYPX | HELENA VALLEY SE | MT | MOD | 293 C2 |
| KQDI-FM | HIGHWOOD | MT | L2C | 291 C1 |
| KZIN-FM | SHELBY | MT | MOD | 244 C1 |
| KIMO | TOWNSEND | MT | L2C | 297 C |
| KWGF | VAUGHN | MT | L2C | $\underline{269}$ C1 |
| Total 26 |  |  |  |  |

## AM Contours

| Call Sign |  | Community of License |  |  | State |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  | Status |  |  |
| KEIN./Freq. | GREAT FALLS |  |  | MT |  |
| Lic |  | 1310 |  |  |  |
| KQDI | GREAT FALLS |  | MT | Lic | 1450 |
| KXGF | GREAT FALLS |  | MT | Lic | 1400 |
| KMON | GREAT FALLS |  | MT | Lic | 560 |
| KHTC | MALMSTROM AFB |  | MT | Lic | 1490 |
| KSEN | SHELBY |  |  | MT | Lic |

Total 6


[^0]:    ${ }^{1}$ See Report and Order and Notice of Proposed Rulemaking, MB Docket 02-277, FCC 03-127, Released July 2, 2003.

