

**October 2008  
FM Translator K225AC  
Grants Pass, OR Channel 225D  
Allocation Study**

The attached spacing study shows the spacing between the proposed fill-in translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules.

The attached map demonstrates that the 60 dBu contour of K225AC is encompassed completely by the 60 dBu contour of its primary station KIFS.

The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

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SEARCH PARAMETERS FM Database Date: 081009

Channel: 225A 92.9 MHz Page 1  
 Latitude: 42 28 18  
 Longitude: 123 18 17  
 Safety Zone: 32 km  
 Job Title: 225 GRANTS PASS

| Call<br>Status                           | City<br>St                             | FCC File No. | Channel<br>Freq. | ERP(kW)<br>HAAT(m) | Latitude<br>Longitude | Bearing<br>deg-True | Dist<br>(km)     | Req<br>(km)  |
|--|--|--------------|------------------|--------------------|-----------------------|---------------------|------------------|--------------|
| K222AF<br>LIC                            | AZALEA<br>OR BLFT-060725ACJ            |              | 222D<br>92.3     | 0.008<br>952.0     | 42-41-53<br>123-13-41 | 14.0                | 25.92<br>0.00    | 0<br>TRANS   |
| NEW<br>APP                               | CAVE JUNCTION<br>OR BNPL-010613AAS     |              | 224L1<br>92.7    | 0.100<br>-161.0    | 42-03-04<br>123-36-59 | 208.8               | 53.32<br>-2.68   | 56<br>SHORT  |
| KGBR<br>LIC                              | GOLD BEACH<br>OR BLH-860716KF          |              | 224A<br>92.7     | 0.265<br>314.0     | 42-23-50<br>124-21-50 | 264.9               | 87.55<br>15.55   | 72<br>CLEAR  |
| K224CN<br>LIC                            | ROSEBURG-GREEN<br>OR BLFT-970721TI     |              | 224D<br>92.7     | 0.082 DA<br>293.0  | 43-12-08<br>123-22-54 | 355.6               | 81.40<br>0.00    | 0<br>TRANS   |
| ADD                                      | BEND<br>OR RM-inv-07                   |              | 225C0<br>92.9    | 0.000<br>0.0       | 44-02-49<br>121-31-50 | 38.8                | 226.67<br>11.67  | 215<br>CLEAR |
| NEW<br>APP                               | BUTTE FALLS<br>OR BSFH-050812ASV       |              | 225A<br>92.9     | 0.000<br>0.0       | 42-31-09<br>122-37-47 | 84.3                | 55.74<br>-59.26  | 115<br>SHORT |
| ABSOLUTE MINIMUM 73.215 SPACING = 92 KM  |  |              |                  |                    |                       |                     |                  |              |
| NEW<br>APP                               | BUTTE FALLS<br>OR BSFH-050811AFI       |              | 225A<br>92.9     | 0.000<br>0.0       | 42-33-33<br>122-36-13 | 80.2                | 58.43<br>-56.57  | 115<br>SHORT |
| ABSOLUTE MINIMUM 73.215 SPACING = 92 KM  |  |              |                  |                    |                       |                     |                  |              |
| RSV                                      | COOS BAY<br>OR RM-10668                |              | 225A<br>92.9     | 0.000<br>0.0       | 43-21-15<br>124-14-34 | 322.4               | 124.41<br>9.41   | 115<br>CLOSE |
| KDCQ<br>LIC                              | COOS BAY<br>OR BLH-060208AAA           |              | 225C3<br>92.9    | 4.500<br>159.6     | 43-21-15<br>124-14-34 | 322.4               | 124.41<br>-17.59 | 142<br>SHORT |
| ABSOLUTE MINIMUM 73.215 SPACING = 119 KM |  |              |                  |                    |                       |                     |                  |              |
| K225BE<br>LIC                            | COTTAGE GROVE<br>OR BLFT-070117AAU     |              | 225D<br>92.9     | 0.230<br>303.0     | 43-46-41<br>123-02-32 | 8.3                 | 146.70<br>0.00   | 0<br>TRANS   |
| KEPO<br>LIC                              | EAGLE POINT<br>OR BLED-970611KC        |              | 225D<br>92.9     | 0.014<br>-124.0    | 42-28-21<br>122-47-48 | 89.7                | 41.78<br>0.00    | 0<br>CLS=D   |
| K225AC<br>CP                             | GRANTS PASS, ETC.<br>OR BPFT-070628ABK |              | 225D<br>92.9     | 0.150 DA<br>438.0  | 42-28-18<br>123-18-17 | 0.0                 | 0.00<br>0.00     | 0<br>TRANS   |
| K225AC<br>LIC                            | GRANTS PASS, ETC.<br>OR BLFT-920727TF  |              | 225D<br>92.9     | 0.250 DA<br>415.0  | 42-28-17<br>123-18-12 | 105.2               | 0.12<br>0.00     | 0<br>TRANS   |

SEARCH PARAMETERS

FM Database Date: 081009

Channel: 225A 92.9 MHz  
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| Call<br>Status                          | City<br>St                              | FCC File No. | Channel<br>Freq. | ERP(kW)<br>HAAT(m) | Latitude<br>Longitude | Bearing<br>deg-True | Dist<br>(km)    | Req<br>(km)  |
|---|---|--------------|------------------|--------------------|-----------------------|---------------------|-----------------|--------------|
| K225AC<br>APP                           | GRANTS PASS, ETC.<br>OR BMPFT-070808ACJ |              | 225D<br>92.9     | 0.200<br>463.0     | 42-28-18<br>123-18-17 | 0.0                 | 0.00<br>0.00    | 0<br>TRANS   |
| NEW<br>RSV                              | TALENT<br>OR -                          |              | 225A<br>92.9     | 0.000<br>0.0       | 42-18-05<br>122-44-38 | 112.2               | 49.91<br>-65.09 | 115<br>SHORT |
| ABSOLUTE MINIMUM 73.215 SPACING = 92 KM |   |              |                  |                    |                       |                     |                 |              |
| NEW<br>APP                              | TALENT<br>OR BNPH-060310ACD             |              | 225A<br>92.9     | 0.360<br>401.0     | 42-18-05<br>122-44-38 | 112.2               | 49.91<br>-65.09 | 115<br>SHORT |
| ABSOLUTE MINIMUM 73.215 SPACING = 92 KM |   |              |                  |                    |                       |                     |                 |              |
| K227AA<br>LIC                           | ASHLAND, ETC.<br>OR BLFT-070906AAZ      |              | 227D<br>93.3     | 0.013<br>718.0     | 42-17-52<br>122-45-00 | 112.8               | 49.60<br>0.00   | 0<br>TRANS   |
| NEW-T<br>APP                            | RIDDLE<br>OR BNPFT-030317LBS            |              | 227D<br>93.3     | 0.016<br>588.0     | 43-00-14<br>123-21-27 | 355.9               | 59.28<br>0.00   | 0<br>TRANS   |
| NEW-T<br>APP                            | WYMER/GLENDALE<br>OR BNPFT-030317KRR    |              | 227D<br>93.3     | 0.010<br>984.0     | 42-41-27<br>123-13-43 | 14.3                | 25.13<br>0.00   | 0<br>TRANS   |
| KLDZ<br>LIC                             | MEDFORD<br>OR BLH-040927AFO             |              | 278C1<br>103.5   | 100.000<br>146.0   | 42-17-13<br>123-00-15 | 129.7               | 32.15<br>10.15  | 22<br>CLEAR  |

iiii END OF FM SPACING STUDY FOR CHANNEL 225 iiii

