

TECHNICAL ATTACHMENT
NEW LPFM FOR OILDALE, CA

State: CA
City: OILDALE
Channel: 276

Antenna Structure Registration: N/A
Do you have an FCC Antenna Structure Registration Number?: N
Yes/No/Filed with the FAA No

Latitude: 35 30 40.0 N.
Longitude: 118 53 00.2 W.
Structure Type: MAST
Overall Structure Height: 10
Support Structure: 10
Ground Elevation: 236

Antenna Data

| | HORIZONTAL | VERTICAL |
|---------------------------------|-------------------|----------|
| Height of Radiation Center | | |
| Above Ground Level | 9.1 | 9.1 |
| Height of Radiation Center AMSL | (FORM CALCULATES) | |
| MIn Radiated Power | (FORM CALCULATES) | |
| Max Radiated Power | (FORM CALCULATES) | |

Antenna Type

Directional
Non-Directional X

Directional Antenna

Technical Certification

Environmental Effect

*Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See 47 C.F.R. Section 1.1306?

NO

Interference

*Does the applicant certify that the proposed facility complies with engineering requirements...?

YES

SPACING

```
REFERENCE                                     DISPLAY DATES
35 30 40.40 N.                               CLASS = L1      DATA  10-16-23
118 53 00.20 W.                             Current  Spacings to 1st Adj.  SEARCH
12-09-23

----- Channel 276 - 103.1 MHz -----

Call           Channel    Location                Azi    Dist  FCC  Margin
-----
KSRY   LIC    276A    Tehachapi              CA     136.0  67.27  66.5  0.8
KIWI   LIC-N   275B1   Mcfarland              CA     254.4  77.82  73.5  4.3
880505PH VAC  277B1   Lindsay                CA      2.6   86.18  73.5  12.7
KRHM-LP LIC    277L1   Bakersfield            CA     216.3  27.92  13.5  14.4
KRUZ   LIC    277B    Santa Barbara          CA     222.1  147.07  96.5  50.6
NEW    CP     275A    Randsburg              CA      91.6  107.46  55.5  52.0
-----

All separation margins include rounding
```