Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

KLVJ
Encinitas, CA

Purpose of Application

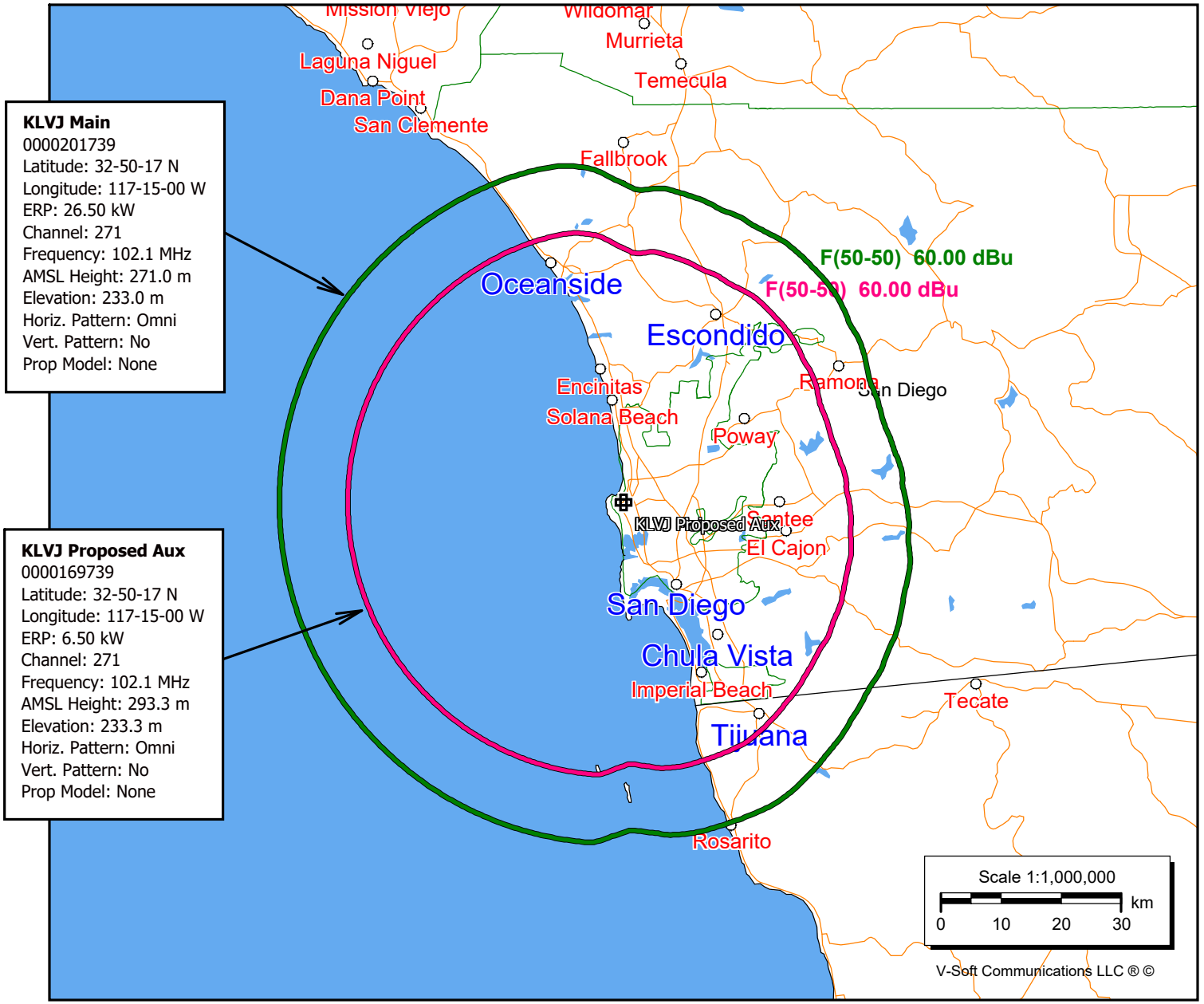
The purpose of this application for a modification of a licensed facility is to modify the KLVJ Auxiliary license file number 0000169739. The KLVJ auxiliary antenna specified in license file number 0000169739 is now the licensed antenna for the KLVJ main facility as shown in license file 0000201739. A 4-bay auxiliary master antenna is proposed on the same structure as the KLVJ main facility. KLVJ is proposing to specify this auxiliary master antenna as the KLVJ Auxiliary facility.

The proposed KLVJ Auxiliary 60dbu service contour is well within the KLVJ Main Licensed 60dbu service contour as seen in Exhibit 1.

KLVJ Main (271)
KLVJ Proposed Aux (271)

KLVJ Licensed Main and Proposed Aux Service Contours

Exhibit 1



KLVJ Main
0000201739
Latitude: 32-50-17 N
Longitude: 117-15-00 W
ERP: 26.50 kW
Channel: 271
Frequency: 102.1 MHz
AMSL Height: 271.0 m
Elevation: 233.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KLVJ Proposed Aux
0000169739
Latitude: 32-50-17 N
Longitude: 117-15-00 W
ERP: 6.50 kW
Channel: 271
Frequency: 102.1 MHz
AMSL Height: 293.3 m
Elevation: 233.3 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Technical Exhibit

Environmental Impact & RFR Compliance Statement

KLVJ's proposed auxiliary facility will be located at an established communications site that is in compliance with all environmental impact requirements.

KLVJ's proposed auxiliary facility will operate with 6.5 kW ERP (H&V, non-da) at an antenna COR AGL height of 59.8 meters. KLVJ's auxiliary will utilize a master antenna that will be also used by other broadcast auxiliary facilities. The tower will also be utilized by other broadcast facilities. Although it is anticipated that the combined facilities on the tower will not exceed the general public/uncontrolled or controlled MPE limits, to ensure compliance measurements will be taken during equipment tests of the completed KLVJ auxiliary facility.

RFR hazard warning signs will be posted at the site. The applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations.