



United States of America
FEDERAL COMMUNICATIONS COMMISSION
DIGITAL CLASS A
BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SERESTAR COMMUNICATIONS CORPORATION
17537 LOS MORROS
P.O. BOX 2630
RANCHO SANTA FE CA 92067

Facility Id: 18736

Hossein Hashemzadeh
Deputy Chief
Video Division
Media Bureau

Grant Date: January 15, 2014

Analog TSID: 8422

Digital TSID: 8423

Call Sign: KMUM-CD

License File Number: BLDTA-20131219BOH

This license expires 3:00 a.m.
local time, December 01, 2014.

This license covers permit no.: BDISDTA-20081113AFO

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: KMUM-CD

License No.: BLDTA-20131219BOH

Name of Licensee: SERESTAR COMMUNICATIONS CORPORATION

Station Location: CA-SACRAMENTO

Frequency (MHz): 572 - 578

Channel: 31

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: PSI PSILP8ARA-31-CP CIRCULARLY POLARIZED

Major lobe directions (degrees true): Not Applicable

Beam Tilt: 0.25 Degrees

Antenna Coordinates: North Latitude: 38 deg 42 min 28 sec

West Longitude: 121 deg 28 min 32 sec

Maximum Effective Radiated Power (ERP): 15 kW

Transmitter Output Power: 2.9 kW

Height of radiation center above ground: 129.6 Meters

Height of radiation center above mean sea level: 140 Meters

Antenna structure registration number: 1021056

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Out-of-Channel Emission mask: Full Service

*** END OF AUTHORIZATION ***