



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**TELEVISION BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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COWLES MONTANA MEDIA COMPANY  
W. 999 RIVERSIDE AVENUE  
SPOKANE WA 99210

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Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 14675

Analog TSID: 1778

Digital TSID: 1779

Call Sign: KTMF

License File Number: BLCDT-20090612AEQ

This license covers permit no.: BMPCDT-20080624AAK

Grant Date: May 11, 2010

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

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: KTMF

License No.: BLCDT-20090612AEQ

Name of Licensee: COWLES MONTANA MEDIA COMPANY

Station Location: MT-MISSOULA

Frequency (MHz): 524 - 530

Channel: 23

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

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

Description: RCA, TFU-28DAS

Beam Tilt: 0.75 Degrees Electrical

Major lobe directions            170            350  
(degrees true):

Antenna Coordinates: North Latitude:    47 deg 01 min 10 sec  
    West Longitude:    114 deg 00 min 46 sec

Transmitter output power: 1.6 kW  
    2.041 DBK

Maximum effective radiated power (Average):            92.6 kW  
    19.67 DBK

Height of radiation center above ground:            78 Meters

Height of radiation center above mean sea level: 2148 Meters

Height of radiation center above average terrain: 642 Meters

Antenna structure registration number: 1050430

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

\*\*\* END OF AUTHORIZATION \*\*\*