

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BR-801001XR
BZ-790109AB
Call Sign: K A S H

STANDARD BROADCAST STATION LICENSE
RENEWAL & MODIFICATION

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, ¹/_{the LICENSEE}

FREDRIC A. DANZ

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time FEBRUARY 1, 1984

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1600 kHz.
2. With nominal power of 1 kilo watts nighttime and 5 kilo watts daytime,
with antenna input power of 1.08 kilo watts --- directional

Common Point	current	4.56	amperes
Common Point	resistance	52	ohms,
Antenna	current	5.70	amperes
Antenna	resistance	154	ohms

antenna nighttime
and antenna input power of 5.0 kilo watts non directional
antenna daytime
3. Hours of operation: Unlimited Time.
Average hours of sunrise and sunset:
Jan. 7:45 am to 5:00 pm; Feb. 7:15 am to 5:45 pm;
Mar. 6:30 am to 6:15 pm; Apr. 5:30 am to 7:00 pm;
May 4:45 am to 7:30 pm; June 4:30 am to 8:00 pm;
July 4:45 am to 8:00 pm; Aug. 5:15 am to 7:15 pm;
Sep. 5:45 am to 6:30 pm; Oct. 6:30 am to 5:30 pm;
Nov. 7:15 am to 4:45 pm; Dec. 7:45 am to 4:30 pm;
Pacific Standard Time (Non-Advanced).
4. With the station located at: Eugene, Oregon
5. With the main studio located at: 1330 Day Island Road,
Eugene, Oregon
6. Remote control point: 205 West Eighth Avenue,
Eugene, Oregon (An Auxiliary Studio)
7. Transmitter location: North Latitude: 44° 03' 05 "
1330 Day Island Road West Longitude: 123° 03' 48 "
Eugene, Oregon

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 2, 12 & 21.
9. Transmitter(s): FCC Type Accepted
10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee 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 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.

¹/_{This license consists of this page and pages}

Dated: March 5, 1981

FEDERAL
COMMUNICATIONS
COMMISSION



KJ

File No.: BR-801001XR
BZ-790109AB

Call Sign: KASH

Date: 3-5-81

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- N

No. and Type of Elements: Two uniform cross section, guyed, series
excited vertical towers. ND ANTENNA EFFICIENCY: 198 mv/m/kw (THEORETICAL).

Height above Insulators: 184' (107.7°)

Overall Height: 189'

Spacing and Orientation: 153.8' (90°) line of towers bears 90° true.

Non-Directional Antenna: West Tower

Ground System consists of 180-154' buried copper radials equally spaced, plus
a 35' square copper ground screen under each tower.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	West(#1)	East(#2)
	Night	0°	161.3°
Field Ratio:	Night	1.0	0.7

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	0°	162.3°
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Antenna Base Current Ratio:	Night	1.0	0.691
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Current Ratio:	Night	1.0	0.715
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*As indicated by Potomac AM-19(204) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER
OPERATION OF APPROVED SAMPLING SYSTEM.

Field intensity measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Point #1--Direction of 12° true North. From transmitter access road, proceed to Centennial Blvd. Turn right on Centennial and proceed east approximately 0.35 miles. Turn left (North) at Garden Way. Go 1.05 miles to Harlow Road. Turn left (West) on Harlow Road and go 0.3 miles to Van Duyn Street. Turn right (North) on Van Duyn Street, go 0.25 miles to Western Street. Van Duyn Street changes name to Satre Street at Western Street intersection. Take measurement in center of Western Street, approximately 40 feet east of east corner of Van Duyn Street (Satre Street). Field intensity at this point should not exceed 23 mv/m.

Point #2--Direction of 90° true North. From transmitter site, proceed on access road to Centennial Blvd. Turn right (East) on Centennial and proceed approximately 0.95 miles to Aspen Street. Turn right (South) on Aspen, go approximately 0.3 miles to Diamond Street. Take measurement in center of Diamond Street, approximately 100 feet east of east edge of Aspen Street. Field intensity at this point should not exceed 140 mv/m.

Point #3--Direction of 168° true North. From transmitter site, proceed on access road to Centennial Blvd. Turn left on Centennial and proceed west approximately 1.0 mile to Country Club Road. Turn left on Country Club and proceed approximately 0.5 miles, bearing to the right, until reaching Coburg Road. Go approximately 0.8 miles, across the river, to East Broadway. Turn left on East Broadway and proceed east approximately 0.55 miles to East 11th Avenue where East Broadway becomes Franklin Blvd. Continue on Franklin Blvd. approximately 0.7 miles to Walnut Street and turn right. Take measurement 150 feet south of southeast corner of Franklin Blvd. and Walnut Street. Field intensity at this point should not exceed 110 mv/m.