



United States of America
FEDERAL COMMUNICATIONS COMMISSION
LOW POWER FM BROADCAST STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

RUSTING SPROCKET ART
C/O RICHARD LINDSAY
15116 NE 244TH AVE
BRUSH PRAIRIE WA 98606

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility ID: 196313

Grant Date: September 25, 2018

Call Sign: KDOA-LP

This permit expires 3:00 a.m.
local time, 18 months after the
grant date specified above.

Permit File Number: BPL-20180917ABM

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be made only in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules. See Section 73.875.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: RUSTING SPROCKET ART

Station Location: WA-VANCOUVER

Frequency (MHz): 97.5

Channel: 248

Class: LP100

Hours of Operation: Unlimited

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

Transmitter output power: As required to operate within authorized range of effective radiated power.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 45 deg 39 min 37 sec
 West Longitude: 122 deg 23 min 35 sec

Maximum Effective radiated power in the Horizontal Plane (watts): 100
 Minimum Effective radiated power in the Horizontal Plane (watts): 50
 Height of radiation center above ground (Meters): 12
 Height of radiation center above mean sea level (Meters): 263
 Height of radiation center above average terrain (Meters): 30

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 15 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***