



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

Authorizing Official:

Official Mailing Address:

IOWA STATE UNIVERSITY OF SCIENCE AND  
TECHNOLOGY  
2022 COMMUNICATIONS BLDG  
AMES IA 50011

Penelope A. Dade  
Supervisory Analyst  
Audio Division  
Media Bureau

Facility Id: 29066

Call Sign: KNSK

License File Number: BLED-20070911ABL

Grant Date: November 06, 2007

This license expires 3:00 a.m.  
local time, February 01, 2013.

This license covers permit no.: BPED-20070807AAR

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: KNSK

License No.: BLED-20070911ABL

Name of Licensee: IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY

Station Location: IA-FORT DODGE

Frequency (MHz): 91.1

Channel: 216

Class: C

Hours of Operation: Unlimited

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

Transmitter output power: 23.5 kW

Antenna type: Non-Directional

Description: ERI SHPX-10AC

Antenna Coordinates: North Latitude: 42 deg 49 min 03 sec

West Longitude: 94 deg 24 min 41 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	100
Height of radiation center above ground (Meters):	320	320
Height of radiation center above mean sea level (Meters):	676	676
Height of radiation center above average terrain (Meters):	326	326

Antenna structure registration number: 1253947

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

Special operating conditions or restrictions:

- 1 The permittee/licensee 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.
- 2 The Iowa State University of Science and Technology requests waiver of 47 C.F.R. Section 73.1125 to operate the proposed facility as a "satellite" of co-owned non-commercial educational FM Station WOI-FM, Ames, Iowa, (Facility ID No. 29118). Based upon the specific representations contained therein, the waiver request IS GRANTED. The Iowa State University of Science and Technology shall abide by each representation proffered in the waiver request.

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