



# North Star Land Surveying, Inc.

Thomas D. Swenor, P.S. 37282

2202 Mitchell Park Drive • Suite 1  
Petoskey, MI 49770

Phone: 231-347-9949

Fax: 231-347-9956

June 04, 2012

Baraga Broadcasting, Inc.

P.O. Box 1109

Indian River, MI 49749-1109

**SUBJECT: Directional Antenna for WTCK-FM Charlevoix, MI**

**At Latitude 45°30'05.2"N; Longitude 85°01'48.9"W**

**3399 Wressel Road, Harbor Springs, Michigan 49740**

On Tuesday, June 04, 2012, North Star Land Surveying, Inc. performed a survey of the above referenced antenna. Based on the results of the field survey, the installation drawings dated May 17, 2012, and the declaration of Brian E. Brachel of Baraga Broadcasting, Inc. as dated: June 04, 2012:

It has been determined that the azimuth of the referenced antenna is 203° referenced to True North.

I hereby state that the bearing has been determined to be within 1° of accuracy.

I, Thomas D. Swenor P.S, 37282, certify that the forgoing is true and correct.

Prepared By:

North Star Land Surveying, Inc.

6-4-12  
Thomas D. Swenor, PS 37282

2202 Mitchell Park Drive, Ste. 001

Petoskey, Michigan 49770

