

**MULTIPLE SERVICES STUDY**  
**for**  
**Pine to Prairie Broadcasting, Inc.**

KKEQ(FM) – Fosston, MN  
KKCQ-FM - Bagley, MN  
KKCQ-AM – Fosston, MN

**April 2013**

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**MUNN-REESE, INC.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036

## ENGINEERING STATEMENT

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This firm was retained to determine the minimum number of principal community radio contours available for the market defined by the contour overlap of stations authorized for commercial and non-commercial service. This study has been conducted under the *Interim Contour-overlap Methodology*. Pine to Prairie Broadcasting, Inc, currently owns three (3) radio station relevant with this study; KKEQ(FM), Fosston, MN, KKCQ-AM, Fosston, MN and KKCQ-FM, Bagley, MN. KKEQ(FM) and KKCQ-FM have filed applications to change transmitter locations and make changes to the facilities. This study is being prepared to show that even with these moves and changes to these stations, they do not exceed the ownership rules. **Exhibit 1.0** is a map showing the relationship of the city grade contours of the commonly owned. There is one single market created by the combined three stations.

The facilities of the stations included in this report were determined by the use of currently updated copies of the FCC computer databases of AM and FM stations. The listed facilities served as the basis for the computation of the respective principal community contours. The accuracy of the results of this study is understood to be limited to the accuracy of these databases. The FCC databases give no indication of licensed facilities that may be inoperative, construction permit facilities that may now be operating under program test authority (but have not yet been issued a license) or facilities which may have been licensed since the last update. Therefore, some stations may have been included or excluded erroneously. However, unless otherwise indicated, all licensed facilities known to be inoperative and all known applications and construction permit facilities, have been eliminated from consideration in this study.

For AM stations, Map M-3 soil conductivity values and the authorized licensed transmitting facilities served as the basis for the computation of the predicted 5.0 mV/m groundwave contour in accordance with §73.183 of the FCC Rules. The distance to the contour was computed for seventy-two (72) equally spaced azimuths beginning with 0° True. For FM stations, the authorized Center of Radiation and ERP values were utilized to compute the predicted 3.16 mV/m (70 dBu) contour as provided in §73.313 of the Rules. The predicted FM contours shown in this report are based on the use of 72 equally spaced terrain radials beginning with 0° True.

The market has been defined, in accordance with §73.3555 of the FCC Rules, as the area within the total perimeter formed by the combined principal community contours of KKEQ(FM), KKCQ-FM and KKCQ-AM.

**Exhibit 2.0** is a map showing the three stations that define the radio market along with all the stations that enter that market. The defining contours have been shown with purple dashed lines on this map. FM contours entering the market have been denoted in red color lines while AM contours entering the market have been denoted in light blue lines.

Under the current rules, the market falls at least within the minimum limitations set forth in §73.3555 (a)(1)(iii): ***In a radio market with 15 and 29 stations (inclusive) full-power, commercial and noncommercial radio stations, not more than 7 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM), except that a party may not own, operate, or control more than 50 percent of the stations in such market.*** The principal community contours of at least fourteen (14) other stations entering the market are shown in **Exhibit 2.0**. Including the two (2) FM stations and one (1) AM station which define the market, there are at least seventeen (17) aural services in this market, thus easily meeting the requirement for a market share of this size. **Exhibit 3.0** lists the facilities of the individual stations used in this report.

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## **CERTIFICATION**

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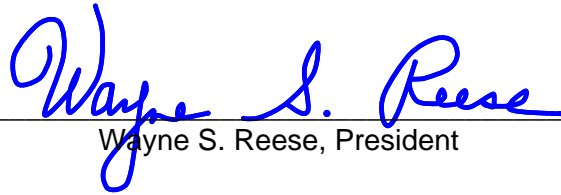
I hereby certify, subject to penalties for perjury, that the contents of this Engineering Statement are true and accurate to the best of my knowledge and belief.

April 22, 2013

***MUNN-REESE, INC.***

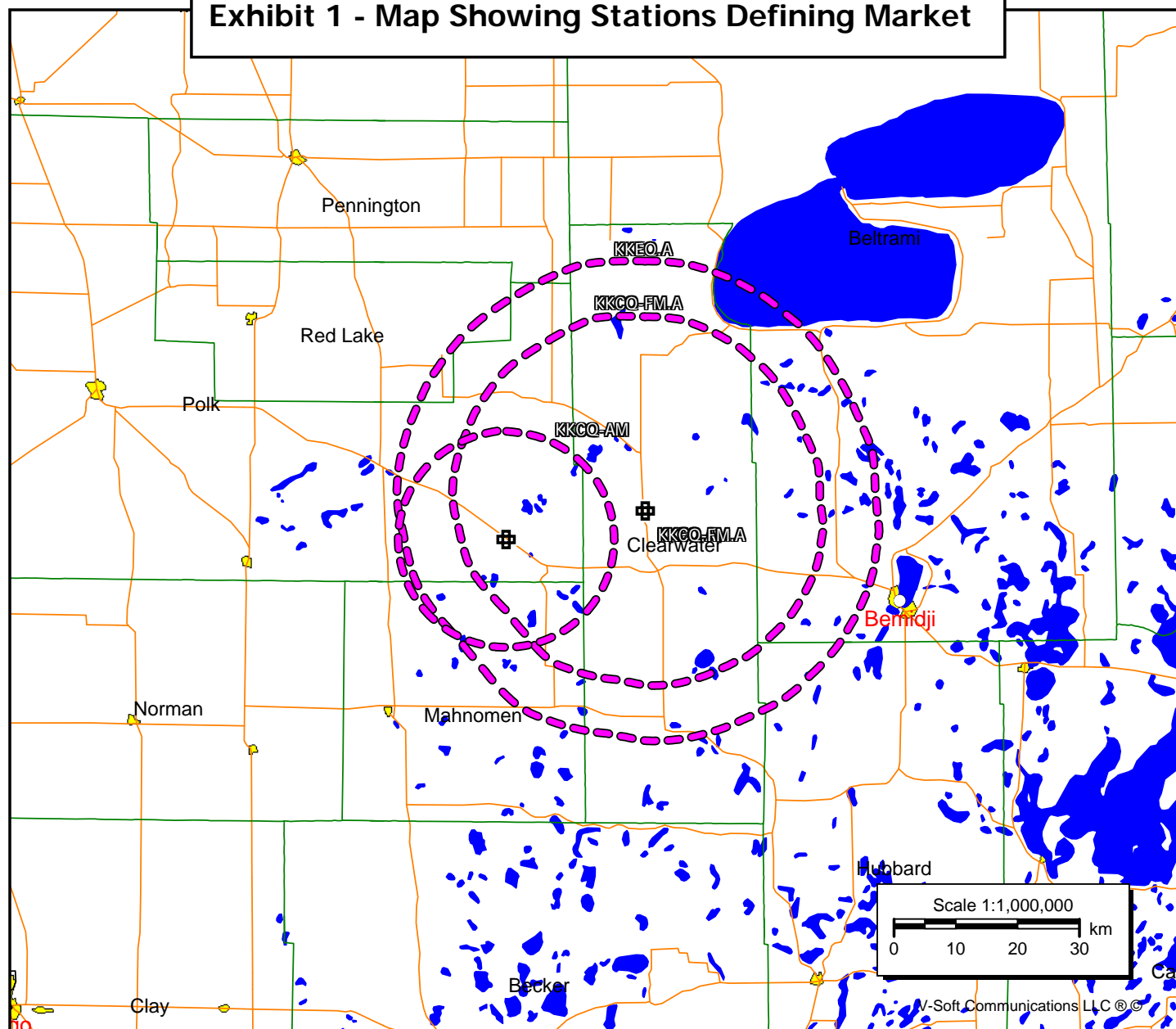
P.O. Box 220  
Coldwater, MI 49036  
517-278-7339

By

  
Wayne S. Reese, President

***MUNN-REESE, INC.***  
Broadcast Engineering Consultants  
Coldwater, MI 49036

**Exhibit 1 - Map Showing Stations Defining Market**



## Exhibit 2 - Map Showing Stations Entering Market

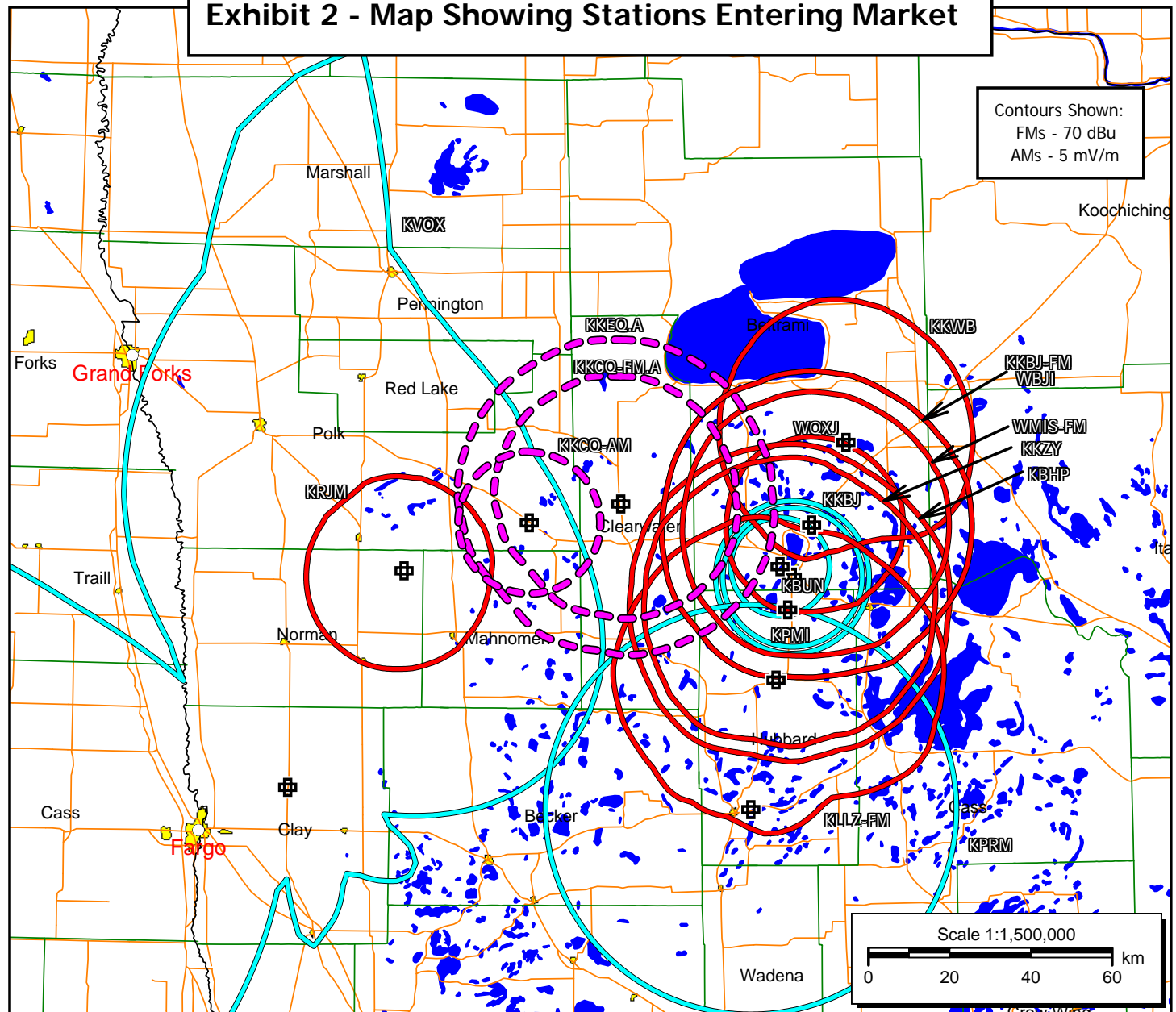
### REF

KKEQ.A  
KKCQ-FM.A  
KKCQ-AM

### Contours Shown:

FMs - 70 dBu  
AMs - 5 mV/m

- REF
- WMIS-FM (221)
- KKZY (238)
- WBJI (252)
- KLLZ-FM (256)
- KBHP (266)
- KRJM (268)
- KKWB (273)
- KKBJ-FM (279)
- WQXJ (283)
- KPRM
- KVOX
- KPMI
- KKBJ
- KBUN



**EXHIBIT 3 - LISTING OF STATIONS ENTERING MARKET**

Call Sign	Lic	Chan.	Svc	Cls	City	ST	DA	Power (kW)
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KKEQ*	APP	296		C1	Fosston	MN	No	64.0
KKCQ*	APP	244		C2	Bagley	MN	No	25.0
KKCQ-AM*	LIC	1480			Fosston	MN		5.0
WMIS-FM	LIC	221	M	C2	Blackduck	MN	No	36.0
KKZY	LIC	238	M	C1	Bemidji	MN	No	100.0
WBJI	LIC	252	M	C1	Blackduck	MN	No	100.0
KLLZ-FM	LIC	256	M	C1	Walker	MN	No	100.0
KBHP	LIC	266	M	C1	Bemidji	MN	No	100.0
KRJM	LIC	268	M	C3	Mahnomen	MN	No	25.0
KKWB	LIC	273	M	C2	Kelliher	MN	Yes	50.0
KKBJ-FM	LIC	279	M	C1	Bemidji	MN	No	100.0
WQXJ	LIC	283	M	C3	Blackduck	MN	No	8.5
KPRM		870			PARK RAPIDS	MN	No	40.0
KVOX		740			FARGO	ND	Yes	50.0
KPMI		1300			BEMIDJI	MN	No	2.5
KKBJ		1360			BEMIDJI	MN	No	5.0
KBUN		1450			BEMIDJI	MN	No	1.0

\*Station Defining Market