

Exhibit 11.1 - Copy of Existing Antenna Structure Registration



Registration Detail

Reg Number	1025393	Status	Constructed
File Number	A0916565	Constructed	01/01/1968
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	45-32-21.0 N 094-10-06.0 W	Address	HWY 152 ROOSEVELT RD
City, State	SAINT CLOUD , MN		
Zip	56301	County	STEARNS
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	317.6	Overall Height Above Ground (AGL)	149.0
Overall Height Above Mean Sea Level	466.6	Overall Height Above Ground w/o Appurtenances	122.0

Painting and Lighting Specifications

FAA Chapters 4, 8, 12
 Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2014-AGL-9200-OE	FAA Issue Date	08/06/2014
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Owner & Contact Information

FRN	0004974358	Owner Entity Type	Corporation
Owner	LEIGHTON ENTERPRISES INC DBA = KNSI AM Attention To: John Sowada P.O. Box 1458 SAINT CLOUD , MN 56302	P:	(320)251-1450
		F:	
		E:	jsowada@leightonbroadcasting.com

Contact

Sowada , John J P.O. Box 1458 St Cloud , MN 56301	P:	(320)251-1450
	F:	
	E:	jsowada@leightonbroadcasting.com

Last Action Status

Status	Constructed	Received	08/28/2014
Purpose	Notification	Entered	08/28/2014
Mode	Interactive		

Related Applications

08/28/2014	A0916565	- Notification (NT)
08/28/2014	A0916551	- Modification (MD)
07/11/1997	A0030144	- New (NE)

Comments

Comments
 None

History

Date	Event
08/29/2014	Registration Printed
08/28/2014	FRN association email send: Tower email
08/28/2014	ASR Application receipt email sent: Tower email
All History (5)	

Automated Letters

08/29/2014	Authorization, Reference
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Exhibit 11.2

Vertical Plan of Antenna System

The site is located on Highway 152 (Roosevelt Rd);
the city of Saint Cloud; Sterns County; Minnesota.

Site Location (NAD 27)

NL: 45° 32' 21"

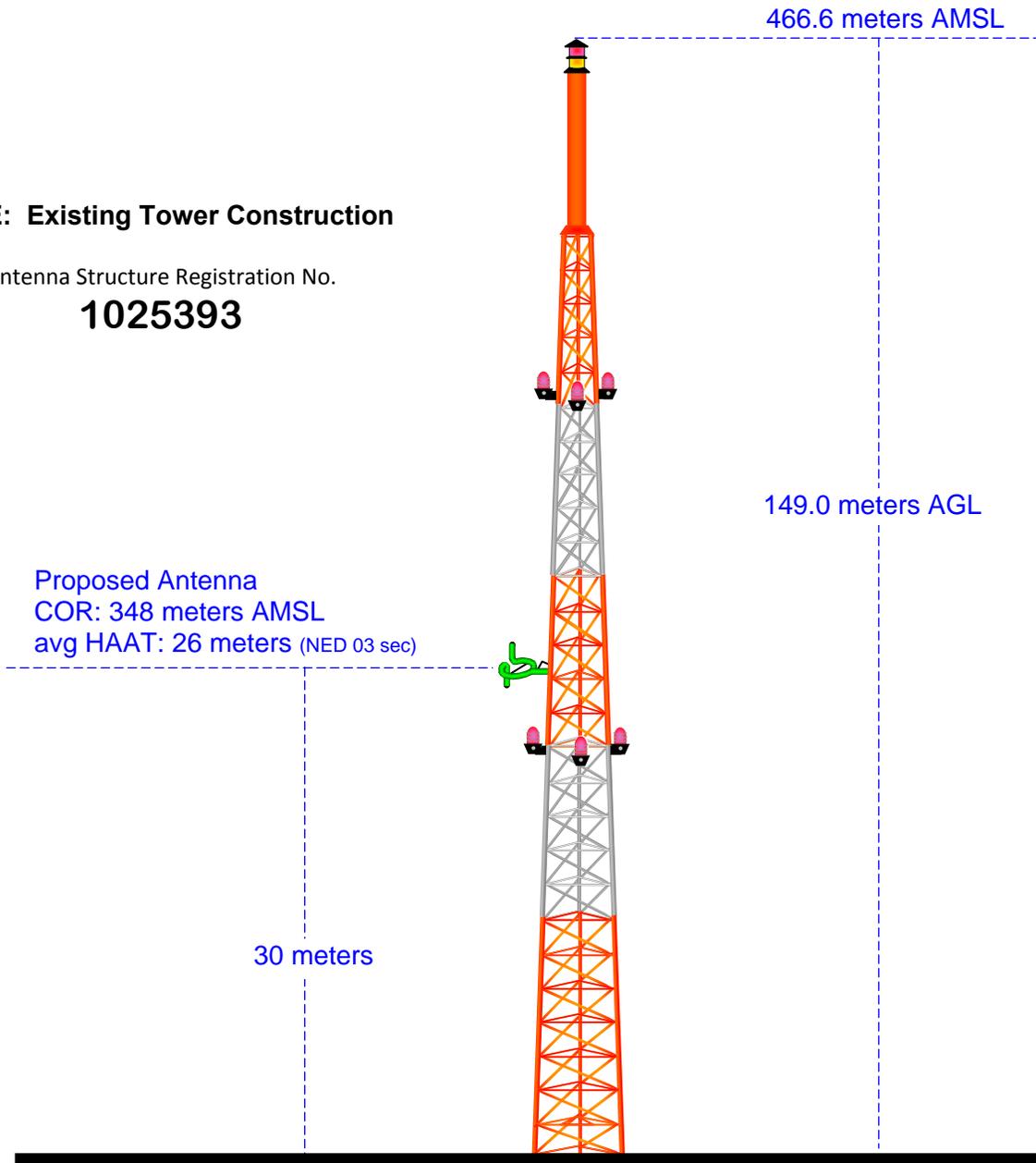
WL: 94° 10' 05"

(45-32-21.0NL; 94-10-06.0WL NAD1983)

NOTE: Existing Tower Construction

Antenna Structure Registration No.

1025393



Ground Elevation = 317.6 m AMSL

Drawing is not to Scale

MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Terrain
286 389 m

NED 03 SEC Terrain Database
US Census 2010 PL Database

Exhibit 11.3 Proposed LPFM Service Contour Study

Present 60 dB μ F(50:50) Contour

Proposed 60 dB μ F(50:50) Contour

WROJ-LP.C +

WROJ-LP.P +

WROJ-LP.C
St. Cloud, MN
BNPL20131112BLM
Facility ID: 194306
Latitude: 45-35-48 N
Longitude: 094-09-25 W
ERP: 0.0714 kW
Channel: 241L1 (96.1 MHz)
AMSL Height: 359.0 m
Horiz. Pattern: Omni

60 dB μ F(50:50) Contour
Total Population: 60,445
Total Area: 100 sq. km

WROJ-LP.P
St. Cloud, MN
Proposed Operation
Facility ID: 194306
Latitude: 45-32-21 N
Longitude: 094-10-05 W
ERP: 0.10 kW
Channel: 241L1 (96.1 MHz)
AMSL Height: 348.0 m
Horiz. Pattern: Omni

60 dB μ F(50:50) Contour
Total Population: 67,789
Total Area: 110 sq. km

Joseph

Waite Park

Saint Cloud

Sartell

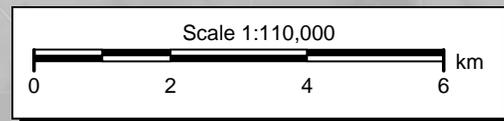


Exhibit 11.4

Tabulation of Proposed Allocation

REFERENCE
 45 32 21.0 N. CLASS = L1 Int = L1
 94 10 05.0 W. Current Spacings to 2nd Adj.
 ----- Channel 241 - 96.1 MHz -----

DISPLAY DATES
 DATA 12-01-14
 SEARCH 12-01-14

Call	Channel	Location	Azi	Dist	FCC	Margin
Lat.	Lng.	Ant	Power	HAAT		
WROJ-LP	CP 241L1	St. Cloud	MN 7.7	6.44*	23.5	-17.1
45 35 48.0	94 09 25.0		0.071 kW	35 M		
	The Rock Fm Communications		BNPL20131112BLM			
KTWN-FM	LIC-N 242C3	Edina	MN 132.7	84.23	66.5	17.7
45 01 24.0	93 22 53.0	NCX	19.000 kW	77 M		
	Northern Lights Broadcasti		BLH20090811AAS			
WWWI-FM	LIC 240A	Pillager	MN 351.3	80.03	55.5	24.5
46 15 03.0	94 19 30.0	C	6.000 kW	73 M		
	Red Rock Radio Corp.		BLH19991130AAL			
WLKX-FM	LIC 240A	Forest Lake	MN 107.3	89.94	55.5	34.4
45 17 40.0	93 04 22.0	CN	3.000 kW	91 M		
	Lakes Broadcasting Co., In		BLH19781006AB			
K242CF	LIC 242D	Willmar	MN 237.0	81.84	27.5	54.3
45 08 07.0	95 02 28.0	C	0.250 kW	127 M		
	Lakeland Broadcasting Comp		BLFT20120906AAT			
KKOK-FM	LIC 239C1	Morris	MN 273.7	134.38	72.5	61.9
45 36 11.0	95 53 14.0	CN	100.000 kW	110 M		
	Iowa City Broadcasting Com		BLH7852			
KJJK-FM	LIC 243C1	Fergus Falls	MN 299.9	161.01	72.5	88.5
46 14 43.0	95 58 46.0	CN	100.000 kW	171 M		
	Result Radio, Inc.		BLH19811103AE			
WYSG-LP	LIC 242L1	Hinckley	MN 60.8	109.87	13.5	96.4
46 00 51.0	92 55 45.0		0.100 kW	26 M		
	Hinckley Adventist Broadca		BLL20041215ABS			
KQCL	LIC 240A	Faribault	MN 149.4	152.29	55.5	96.8
44 21 25.0	93 11 31.0	CN	3.000 kW	100 M		
	Townsquare Media Faribault		BLH19870220KC			

 Reference station has protected zone issue: AM tower
 All separation margins include rounding

* Pursuant to §73.870(a), a minor change for an LPFM station authorized under this subpart is limited to a transmitter site relocation of 5.6 kilometers or less. When accounting for the Commission's stance on rounding to the nearest whole kilometer; 5.6 kilometers rounds up to 6 kilometers. The actual physical distance of this relocation is 6.44 kilometers which rounds down to 6 kilometers; thus complying with §73.870(a) when accounting for rounding to the nearest kilometer. The applicant would further like note this site relocation will not remove WROJ-LP(FM) from its current community of St. Cloud, MN. Rather WROJ-LP(FM) will continue to serve its present community of license from a site south of town as opposed to north of town (See **Exhibit 11.3**).