

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		P: (320)251-1450	
Attention To: John Sowada		F:	
P.O. Box 1458		E: jsowada@leightonbroadcasting.com	
SAINT CLOUD , MN 56302			

Contact

Sowada , John J	P: (320)251-1450
P.O. Box 1458	F:
St Cloud , MN 56301	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"

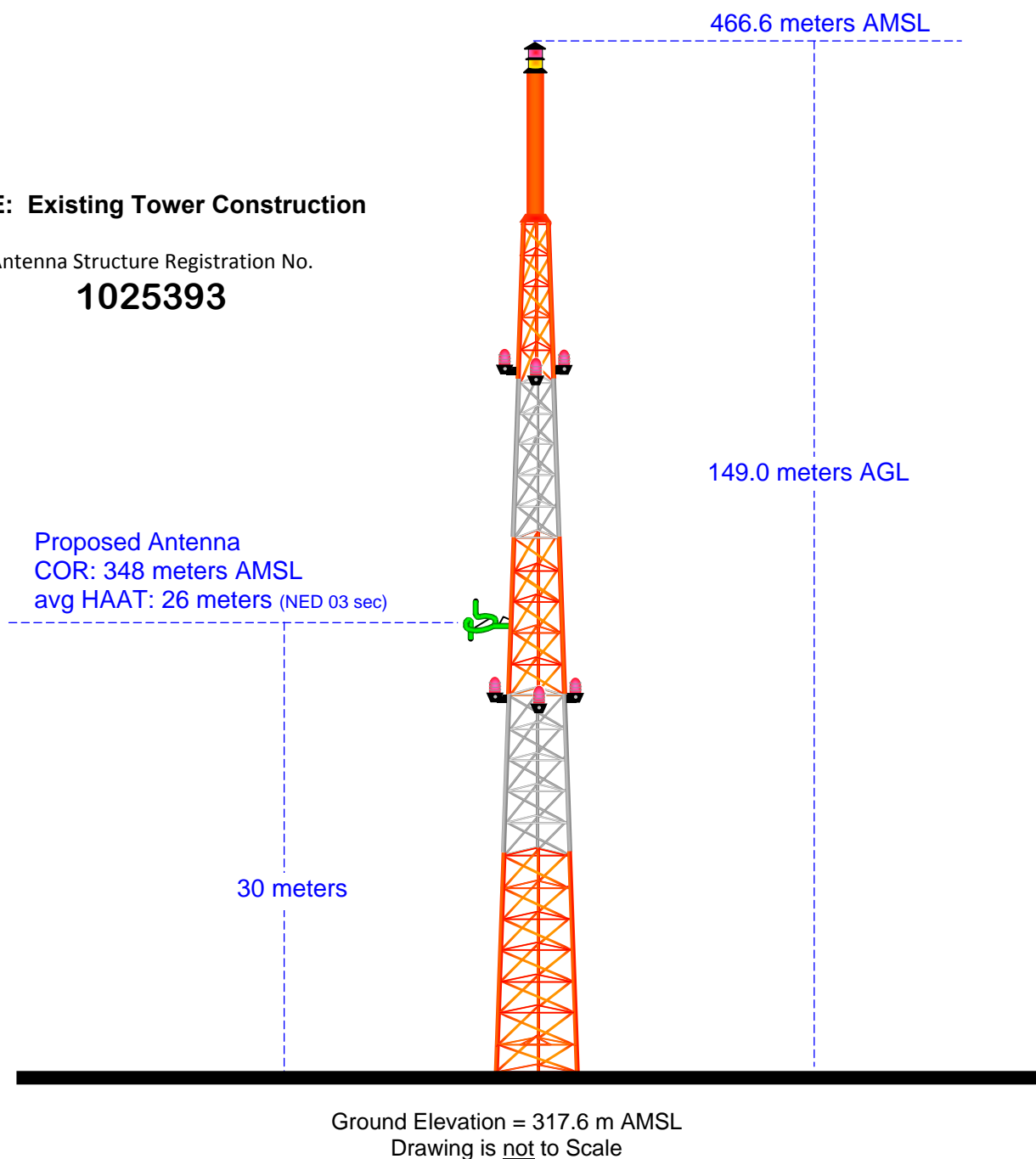
WL: 94° 10' 05"

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

NOTE: Existing Tower Construction

Antenna Structure Registration No.

1025393



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

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

Present 60 dBμ F(50:50) Contour

Proposed 60 dBμ F(50:50) Contour

WROJ-LP.C +

WROJ-LP.P +

Sartell

Saint Cloud

Waite Park

Joseph

Scale 1:110,000

0 2 4 6 km

Exhibit 11.4

Tabulation of Proposed Allocation

REFERENCE	CLASS = L1 Int = L1	DISPLAY DATES
45 32 21.0 N.	Current Spacings to 2nd Adj.	DATA 12-01-14
94 10 05.0 W.		SEARCH 12-01-14
----- Channel 241 - 96.1 MHz -----		

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**).