

ASR Registration Search

Registration 1000703 [Map Registration](#)**Registration Detail**

Reg Number	1000703	Status	Constructed
File Number	A0748906	Constructed	01/01/1987
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	45-30-05.2 N 085-01-48.9 W	Address	3399 WRESSEL RD
City, State	HARBOR SPRINGS , MI		
Zip	49740	County	EMMET
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
374.9	201.2
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
576.1	200.3

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 9

Paint and Light in Accordance with FAA Circular Number 70/7460-1G

FAA Notification

FAA Study	2011-AGL-6373-OE	FAA Issue Date	12/14/2011
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Owner & Contact Information

FRN	0008157232	Owner Entity Type
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Owner

Northern Star Broadcasting, LLC
 Attention To: Del Reynolds
 3250 Racquet Club Drive
 Traverse City , MI 49684

P: (231)922-4981
 F:
 E: reynolds@upnorth.net

Contact

P:
 F:
 E:

Last Action Status

Status	Constructed	Received	01/25/2012
Purpose	Notification	Entered	01/25/2012
Mode	Interactive		

Related Applications

01/25/2012	A0748906 - Notification (NT)
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01/24/2012 A0748807 - Change Owner (OC)

01/24/2012 A0748808 - Modification (MD)

Related applications (5)

Comments

Comments

01/25/2012 APPLICATION RESUBMITTED WITH COORDS, GROUND ELEV AND SUPPORT & OVERALL STRUCTURE HEIGHTS CORRECTED FROM 45-30-05N 085-01-50W, 376.4, 201.4, 202.7. ADDED CONSTRUCTION DATE AND ADDED FAA CLEARANCE DATA BASED ON CLEARANCE COPY PROVIDED BY APPLICANT.

History

Date

Event

01/26/2012

Registration Printed

01/25/2012

Construction Notification Received

01/25/2012

Modification Received

All History (10)

Automated Letters

01/26/2012 Authorization, Reference

01/25/2012 Authorization, Reference

01/25/2012 Ownership Change, Reference 705755

All letters (5)

CLOSE WINDOW

Exhibit 13.2: W259AH - Present and Proposed Service Contours vs WQHN(FM) Service Contour

Munn-Reese.com

WQHN

BMLED20031205AUX
Latitude: 45-10-40 N
Longitude: 085-05-57 W
ERP: 2.80 kW
Channel: 265
Frequency: 100.9 MHz
AMSL Height: 375.0 m
Elevation: 314.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

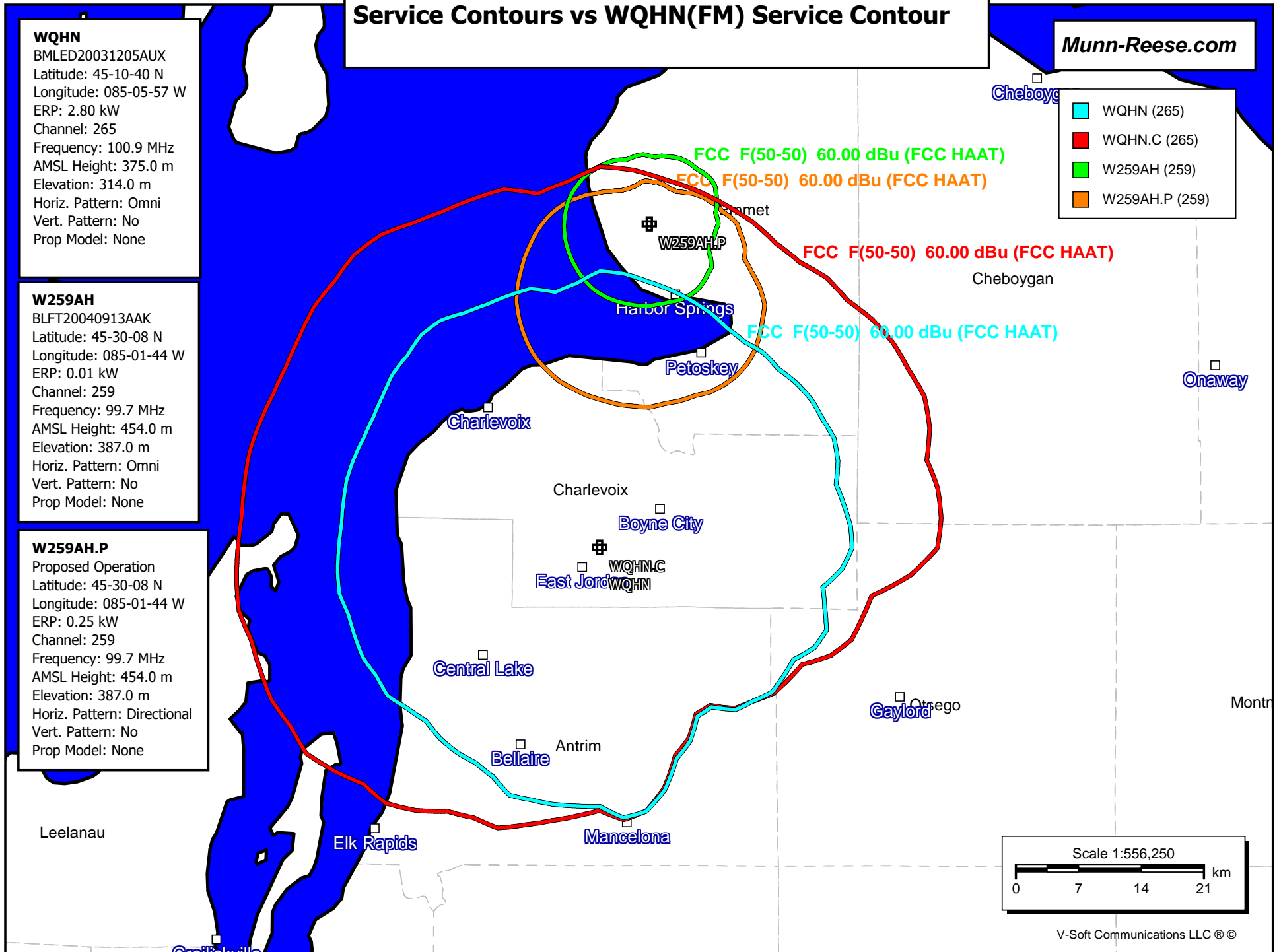
W259AH

BLFT20040913AAK
Latitude: 45-30-08 N
Longitude: 085-01-44 W
ERP: 0.01 kW
Channel: 259
Frequency: 99.7 MHz
AMSL Height: 454.0 m
Elevation: 387.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

W259AH.P

Proposed Operation
Latitude: 45-30-08 N
Longitude: 085-01-44 W
ERP: 0.25 kW
Channel: 259
Frequency: 99.7 MHz
AMSL Height: 454.0 m
Elevation: 387.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

- WQHN (265)
- WQHN.C (265)
- W259AH (259)
- W259AH.P (259)



V-Soft Communications LLC ©

Exhibit 13.3 Northern Christian Radio, Inc.											
REFERENCE		CH# 259D - 99.7 MHz, Pwr= 0.7 kW DA, HAAT= 220.0 M, COR= 454 M							DISPLAY DATES		
45 30 08.0 N.		Average Protected F(50-50)= 24.78 km							DATA 05-20-19		
85 01 44.0 W.		Standard Directional							SEARCH 05-21-19		
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
259D	W259AH	LIC _C_		0.0	0.00	45 30 08.0	0.010		---	Reference---	
Petoskey		MI		0.0	BLFT20040913AAK	85 01 44.0	220	454	Northern Christian Radio,		
260C2	WHAK-FM	LIC _CN		97.2	87.11	45 23 53.0	50.000	76.0	51.2	-6.4	15.6
Rogers City		MI		278.0	BLH19940509KD	83 55 19.0	145	367	Edwards Communications, Lc		
259C0	AL0298	RSV-A _		170.0	224.15	43 30 56.0	100.000	187.3	83.7	11.3	65.7
Midland		MI		350.4	RM11689	84 32 49.0	450	665			
259C0	WUGN	LIC _CX		170.0	224.14	43 30 57.0	100.000	172.9	73.0	25.7	76.4
Midland		MI		350.3	BLED20130702ABR	84 32 45.0	304	519	Family Life Broadcasting S		
258C1	WYSS	LIC _CX		25.9	110.76	46 23 48.0	100.000	73.6	43.8	30.2	57.7
Sault Ste. Marie		MI		206.4	BLH20140825ACG	84 23 52.0	86	285	Sovereign Communications,		
262D	WQON-FM1	CP _DC_		162.6	65.56	44 56 20.7	0.100	0.4	10.0	39.8	53.8
Grayling		MI		342.8	BNPFTB20181207AAC	84 46 48.8		577	Blarney Stone Broadcasting		
262C1	WQON	LIC _NCN		165.6	106.87	44 34 15.0	60.000	5.9	51.9	75.5	53.4
Grayling		MI		345.8	BLH19950714KB	84 41 33.0	131	497	Blarney Stone Broadcasting		
258D	W221CA	CP _C_		165.6	106.87	44 34 14.9	0.250	20.8	13.8	60.7	54.9
Grayling		MI		345.8	BPFT20160426ABN	84 41 32.9		477	Baraga Broadcasting, Inc		
259C2	WDKF	LIC _CN		245.6	225.59	44 38 08.0	46.000	137.9	53.3	65.0	107.5
Sturgeon Bay		WI		63.8	BLH19910211KD	87 37 37.0	156	373	Midwest Communications In		
259D	W259AD	CP _C_		335.6	99.31	46 18 53.0	0.027	23.8	6.6	68.4	71.3
Newberry		MI		155.3	BPFT20160825AAG	85 33 44.6		320	Gospel Opportunities, Inc.		
259D	W259AD	LIC _CN		338.0	99.72	46 19 58.0	0.018	17.5	5.4	75.1	73.1
Newberry		MI		157.6	BLFT19960625TC	85 30 57.0	85	322	Gospel Opportunities, Inc.		
257C2	WQAN	LIC _HX		222.3	133.14	44 36 38.0	50.000	5.8	50.8	102.2	79.9
Beulah		MI		41.5	BLH20110224AAJ	86 09 38.0	131	341	N Content Marketing, LLC		
257C2	WATZ-FM	LIC _CN		121.1	136.78	44 51 25.0	17.000	5.6	51.9	109.2	83.5
Alpena		MI		302.2	BLH19890818KB	83 32 34.0	257	495	Watz Radio, Inc.		
257C2	R17468	DEL _		121.1	136.78	44 51 25.0	50.000	5.8	51.7	109.0	83.7
Alpena		MI		302.2		83 32 34.0	150	385	Roy E. Henderson		

Terrain database is NED 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.