

ASR Registration Search

**Registration 1007619** [Map Registration](#)**Registration Detail**

Reg Number	1007619	Status	Constructed
File Number	A0868811	Constructed	12/01/1987
EMI	No	Dismantled	
NEPA	No		

**Antenna Structure**

Structure Type 2GTA1

**Location** (in NAD83 Coordinates)

Lat/Long	43-23-36.2 N 082-50-05.8 W	Address	TOWER 1 (N) COOPER RD 1.45 MI S
City, State	SANDUSKY , MI		
Zip	48471	County	SANILAC
Center of AM Array	43-23-34.4 N 082-50-05.6 W	Position of Tower in Array	1 of 2

**Heights (meters)**

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
235.0	102.8
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
337.8	101.8

**Painting and Lighting Specifications**

FCC Paragraphs 1, 3, 11, 21

**FAA Notification**

FAA Study	2012-AGL-9371-OE	FAA Issue Date	11/21/2012
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**Owner & Contact Information**

FRN	0005005780	Owner Entity Type	Corporation
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**Owner**SANILAC BROADCASTING COMPANY  
Attention To: ROBERT ARMSTRONG  
19 S ELK ST  
SANDUSKY , MI 48471P: (810)648-2700  
F:  
E: boba@sanilacbroadcasting.com**Contact**ARMSTRONG , ROBERT  
Attention To: ROBERT ARMSTRONG  
19 S ELK ST  
SANDUSKY , MI 48471P: (810)648-2700  
F:  
E: boba@sanilacbroadcasting.com

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**Last Action Status**

Status	Constructed	Received	12/30/2013
Purpose	Notification	Entered	12/30/2013
Mode	Interactive		

**Related Applications**

12/30/2013      A0868811 - Notification (NT)  
12/17/2012      A0807715 - Modification (MD)  
12/04/2012      A0803373 - Notification (NT)

Related applications (7)

▣

#### Comments

#### Comments

None

▣

#### History

#### Date

#### Event

12/30/2013	Construction Notification Received
12/24/2013	Construction Reminder Letter Sent
12/18/2012	Registration Printed

All History (14)

▣

#### Automated Letters

12/24/2013	Construction Reminder, Reference 778844
12/18/2012	Authorization, Reference
12/05/2012	Authorization, Reference

All letters (6)

▣

CLOSE WINDOW

# Exhibit 13.2 - WMIC(AM) - Proposed Translator at WMIC (AM) North Tower vs WMIC(AM) Contours and Translator FCC (50:10) 34 dBu Contour vs. Canadian Territory

Munn-Reese.com

## WMIC.L

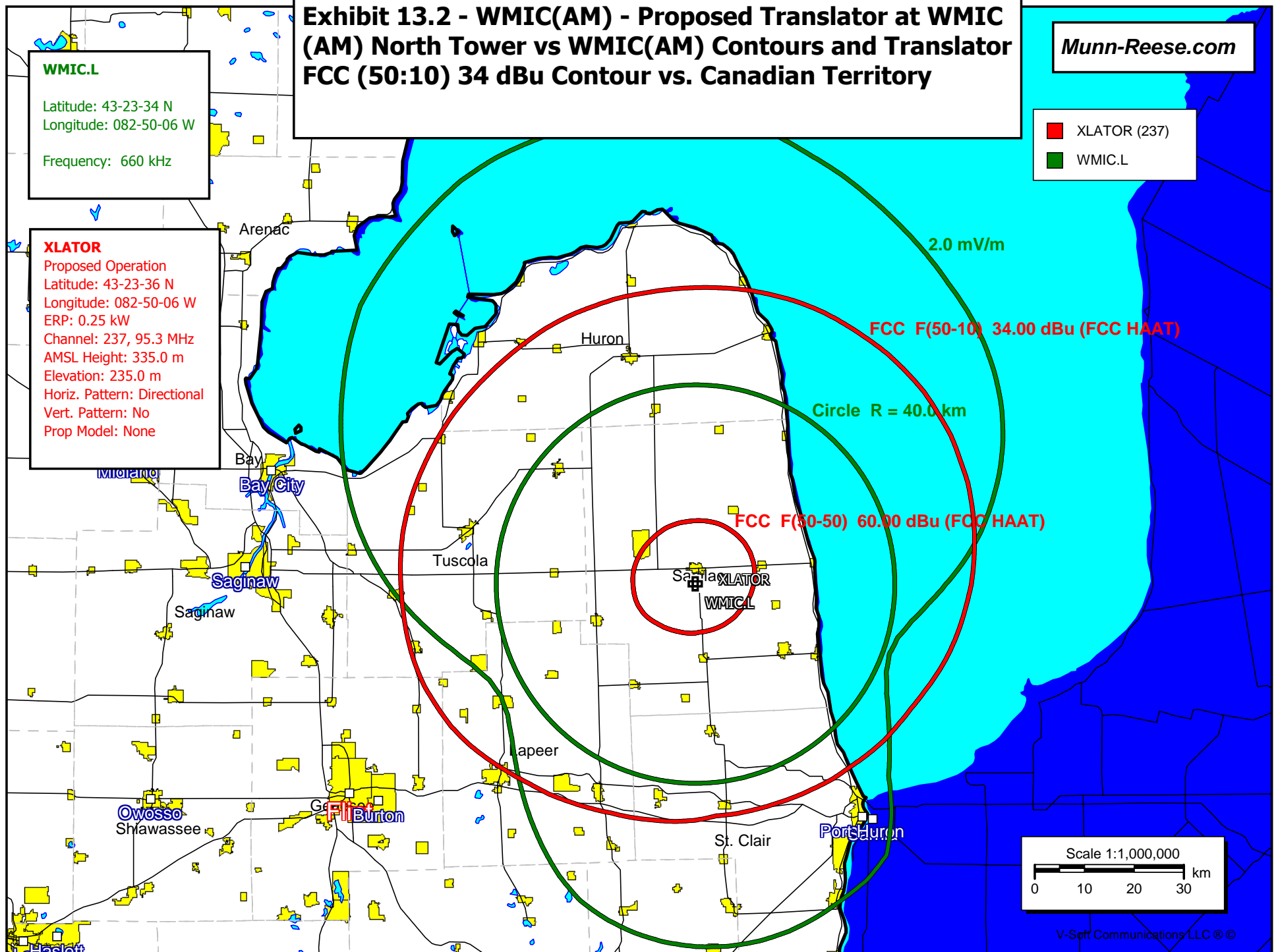
Latitude: 43-23-34 N  
Longitude: 082-50-06 W

Frequency: 660 kHz

## XLATOR

Proposed Operation  
Latitude: 43-23-36 N  
Longitude: 082-50-06 W  
ERP: 0.25 kW  
Channel: 237, 95.3 MHz  
AMSL Height: 335.0 m  
Elevation: 235.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

- XLATOR (237)
- WMIC.L



Munn-Reese  
Coldwater, MI 49036

Exhibit 13.3  
Sanilac Broadcasting Company

REFERENCE CH# 237D - 95.3 MHz, Pwr= 0.25 kW DA, HAAT= 0.0 M, COR= 335 M DISPLAY DATES  
43 23 36.0 N. DATA 11-08-17  
82 50 06.0 W. SEARCH 11-09-17  
Average Protected F(50-50)= 7.09 km  
Standard Directional

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
237D Sandusky	1763695	APP DC MI		0.0 0.0	0.00 BNPFT20170801AJ0	43 23 36.0 82 50 06.0	0.250 97	43.5 335	12.7 Sanilac Broadcasting Compa	-56.2*	-56.2*
236B Flint	WFBE	LIC DCX MI		235.1 54.5	80.88 BLH20100401ADX	42 58 26.0 83 39 01.0	34.000 97	60.4 343	51.1 Radio License Holding Cbc,	8.5	4.4
238B Detroit	WKQI	LIC _CX MI		196.3 16.1	106.53 BMLH20130617AAP	42 28 23.0 83 11 59.0	100.000 130	84.2 338	68.0 Amfm Radio Licenses, L.L.c	12.4	16.9
236B Chatham	CKUE-FM	PRO DCN ON		150.6 331.1	121.71	42 26 14.0 82 06 23.0	50.000 91	68.3 277	55.7	43.6	35.9
234B Birmingham	WCSX	LIC _CN MI		194.5 14.3	107.85 BMLH19981008KA	42 27 13.0 83 09 50.0	13.500 290	5.4 488	65.2 Beasley Media Group, Llc	92.3	41.4
240C1 London	CFPLFM	OPE ?CN ON		110.5 291.5	136.55	42 57 15.0 81 15 58.0	380.000 270	13.8 455	99.0	111.7	48.9
240C1 London	CFPL-FM	OPE ?HN ON		110.6 291.7	136.84	42 56 59.0 81 15 53.0	300.000 273	14.5 533	101.6	111.3	49.2
236A Windsor	CKUE-FM-1	DEL DCN ON		183.9 3.8	117.37 20041216CAN	42 20 20.0 82 55 53.0	6.000 75	6.7 256	6.7	100.8	58.5
237A Clare	WCFX	LIC _CX MI		284.4 103.1	163.39 BLH20150828ABE	43 44 33.0 84 48 19.0	6.000 99	91.2 359	31.6 Grenax Broadcasting, Llc	59.5	88.0
240C1 London		APP ____ ON		110.6 291.7	136.54	42 56 59.0 81 15 53.0	100.000 299	9.7 489	68.8	115.8	62.7
238A Kincardine	R11054	USE ____ ON		47.9 228.7	130.81	44 10 32.0 81 37 12.0	6.000 100	43.7 100	38.0	74.3	65.5
238A Wingham	AL3507	VAC ____ ON		65.4 246.5	134.04	43 53 00.0 81 19 00.0	6.000 100	43.7 100	38.0	77.7	69.2
237C1 Hamilton	CKDSFM	OPE _CN ON		93.7 275.8	249.15	43 12 27.0 79 46 28.0	100.000 305	167.6 455	82.1	69.8	108.1
240B1 Windsor	CJWF	PRO DCN ON		185.4 5.3	136.37 20071119CAN	42 10 15.0 82 59 29.0	11.800 145	3.8 330	44.0	122.6	84.1
240B1 Windsor	CJWF	ADD DCN ON		185.4 5.3	136.37 20061109CAN	42 10 15.0 82 59 29.0	11.800 145	3.7 330	43.2	122.7	84.1
290B Detroit	WDMK	LIC DCN MI		196.3 16.1	106.71 BLH19840619CK	42 28 16.0 83 12 03.0	20.000 221	0.0 429	0.0 Radio One Of Detroit, Llc	14.5R	92.2M
235A London	AL4537	____ ON		108.8 289.9	136.79	42 59 09.0 81 14 48.0	6.000 100	2.9 252	38.0	122.8	93.8
234A London	CHRW	OPE _CN ON		109.0 290.0	134.13	42 59 29.0 81 16 43.0	3.000 63	2.8 330	43.0	120.2	94.5
235B East Lansing	WMMQ	LIC _CN MI		239.9 58.8	163.03 BLH19911106KF	42 38 45.0 84 33 38.0	50.000 150	6.1 421	66.0 Townsquare Media Lansing L	144.8	95.5
239C2 Oscoda	WCMB-FM	LIC _CX MI		339.2 158.8	152.43 BLED20170310AAK	44 40 24.0 83 31 06.0	25.000 209	6.2 459	55.0 Central Michigan Universit	133.5	96.3
291C3 Tawas City	WHST	LIC _C_ MI		326.1 145.5	118.34 BMLED20020524AAA	44 16 25.0 83 39 48.0	25.000 93	0.0 305	0.0 Carroll Enterprises, Inc.	11.5R	106.8M
236C1 Collingwood	R15406	VAC ____ ON		58.1 239.9	234.67	44 28 42.0 80 19 36.0	100.000 299	105.0 299	86.0	117.0	121.5
237A Adrian	WQTE	LIC _CN MI		210.6 29.8	204.37 BLH7225	41 48 15.0 84 05 25.0	3.000 91	74.1 329	23.0 Friends Communications Of	119.5	145.2
237C2 Tuscarora Township	WWSS	LIC NCX MI		327.9 146.7	258.74 BLH20120201ALS	45 21 07.0 84 35 37.9	17.000 165	111.2 406	41.1 David L. Smith	134.9	173.3
239B Guelph	NEW	USE DCN ON		82.8 264.6	207.72 20090824CAN	43 35 52.0 80 16 54.0	30.000 54	9.2 411	71.6	186.3	137.1

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 2 *IN* (Overlap	*OUT* in km)
239B Guelph	0217	USE DCN ON		82.8 264.6	207.72 20080711CA1	43 35 52.0 80 16 54.0	30.000 54	8.2 411	68.0	187.3	137.1
236B Collingwood	R11773	ADD ____ ON		58.1 239.9	234.66	44 28 42.0 80 19 37.0	50.000 150	78.1 150	65.0	143.8	142.5
237A Battle Creek	WBCK	LIC _CN MI		237.9 56.3	226.21 BLH6625	42 17 17.0 85 09 54.0	3.000 82	71.6 362	21.4 Townsquare Media	142.5	163.3 Battle Cr
237A Norwalk	WLKR-FM	LIC _C_ OH		176.4 356.5	235.38 BMLH20000615AFD	41 16 49.0 82 39 27.0	3.300 91	79.9 312	26.4 Elyria-Iorain Broadcasting	145.6	176.1
235C2 Hillman	WKJZ	LIC _CN MI		334.8 154.0	200.62 BLH19940103KA	45 01 15.0 83 55 21.0	50.000 150	6.0 398	52.2 Carroll Enterprises, Inc.	182.0	146.6
238B Cleveland	WFHM-FM	LIC _CX OH		152.6 333.5	243.34 BMLH20020812ABY	41 26 32.0 81 29 28.0	31.000 189	79.6 489	66.9 Salem Media Of Massachuset	153.8	155.7
239B Grand Rapids	WLHT-FM	LIC _CN MI		261.2 79.2	235.28 BLH19840120AE	43 01 57.0 85 41 47.0	40.000 168	6.2 397	67.0 Townsquare Media Of Grand	216.6	166.6
290A1 Aylmer	AL2271	____ ON		113.8 295.1	169.99	42 45 40.0 80 56 03.0	0.250 100	0.0 327	0.0	2.5R	167.5M
291B Charlotte	WJXQ	LIC _C_ MI		233.2 52.0	183.61 BMLH20150427AAU	42 23 30.0 84 37 23.0	49.000 151	0.0 442	0.0 Midwest Communications, In	14.5R	169.1M
291B Charlotte	AL4309	RSV-A ____ MI		233.2 52.0	183.63 RM11134	42 23 28.0 84 37 22.0	50.000 150	0.0 440	0.0	14.5R	169.1M
236A Collingwood	AL8398	VAC ____ ON		58.2 239.9	234.50	44 28 38.0 80 19 42.0	6.000 100	43.7 100	38.0	178.0	169.4
239C Barrie	AL4844	PRO ____ ON		66.0 248.1	273.59	44 21 05.0 79 41 55.0	100.000 600	13.7 600	97.0	247.3	170.7
240C2 Fife Lake	WLJW-FM	LIC ZCX MI		306.1 124.4	231.42 BLED20140207ABG	44 35 41.0 85 11 53.0	19.000 249	3.8 582	41.1 Good News Media, Inc.	215.0	186.4
239A Gibsonburg	WIMX	LIC ZCN OH		192.8 12.4	218.91 BLH19931020KA	41 28 19.0 83 25 05.0	3.500 132	2.6 321	28.4 Urban Radio Licenses, Llc	206.3	189.8
239C1 Barrie	AL4498	DEL ____ ON		62.4 244.6	284.25	44 31 55.0 79 39 45.0	100.000 299	10.1 299	86.0	261.5	192.3

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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.  
Reference station has protected zone issue: AM tower