

Exhibit 13.1 - Copy of Existing Antenna Structure Registration

Registration Detail

Reg Number	1208577	Status	Constructed
File Number	A0110331	Constructed	11/15/1999
FAA Study	99-AGL-3976-OE	EMI	No
FAA Issue Date	10/15/1999	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 42-55-19.0 N 085-41-07.1 W 2306 CLYDE PARK

City, State GRAND RAPIDS , MI

Center of
AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
210.9	60.7
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
271.6	60.7

Painting and Lighting Specifications

None

Owner & Contact Information

FRN	0002750651	Licensee ID	L00121850
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Owner

TRT COMPANY
Attention To: HEATHER STAM
540 E. 24TH ST.
Holland , MI 49423

P: (616)396-3541
E: H-STAM@AMERITECH.NET

Contact

P:
E:

Last Action Status

Status	Constructed	Received	02/12/2001
Purpose	Notification	Entered	01/14/2000
Mode	Mail In (Manual)		

Related Applications

02/12/2001	A0168629 - Notification (NT)
12/27/1999	A0110331 - New (NE)

Comments

Comments

None



Exhibit 13.2

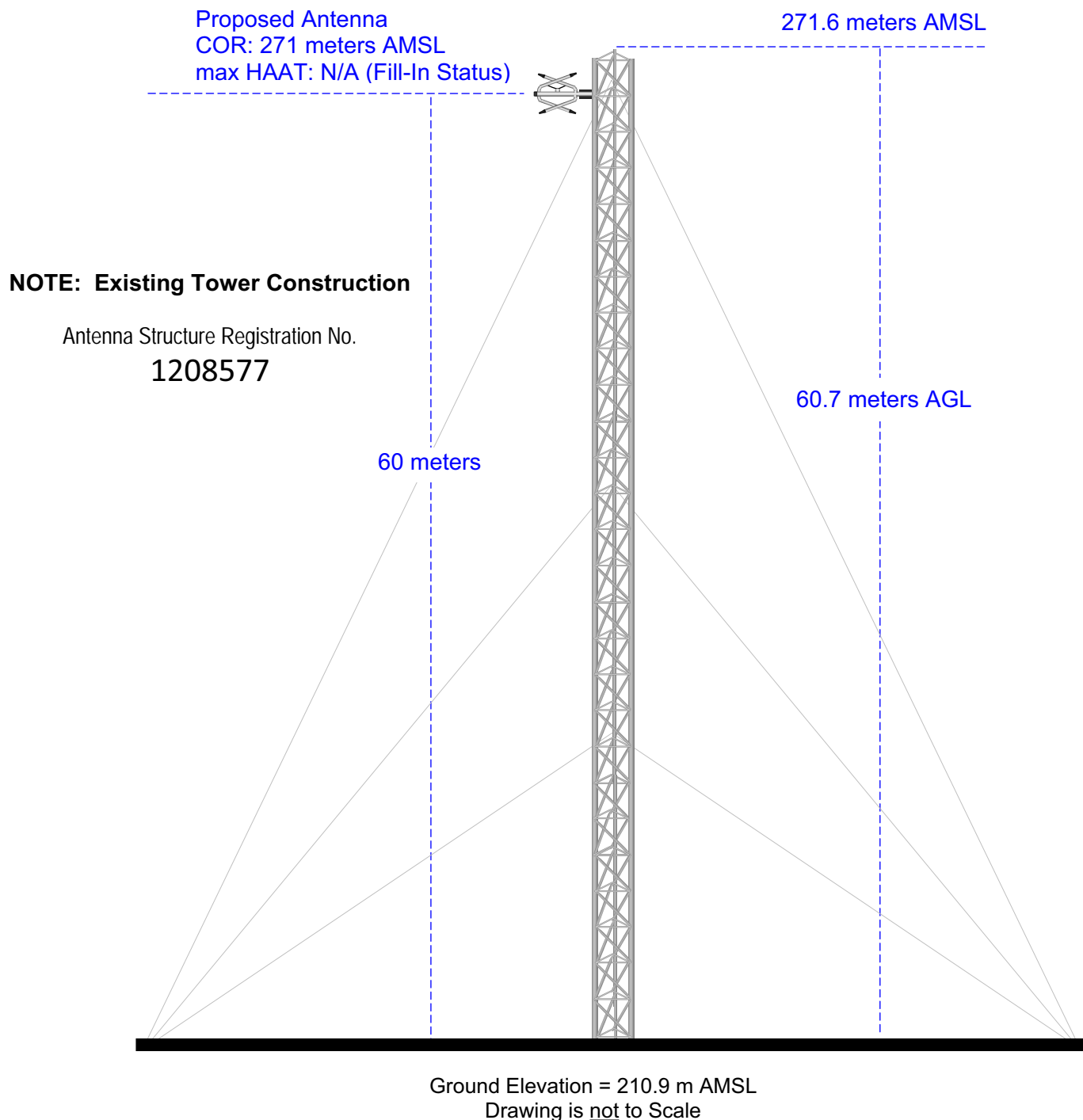
Vertical Plan of Antenna System

The site is located at 2306 Clyde Park,
the city of Grand Rapids, Kent County, Michigan.

Site Location (NAD 27)

NL: 42° 55' 19"

WL: 85° 41' 07"



MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 13.3

Licensed vs. Proposed Service Contour Study



W237CZ.L
BLFT20100301ACL
Latitude: 42-55-19 N
Longitude: 085-41-07 W
ERP: 0.25 kW
Channel: 237
Frequency: 95.3 MHz
AMSL Height: 257.0 m
Horiz. Pattern: Omni

60 dBu Contour
Total Population: 275,912
Total Area: 221 sq. km

W237CZ.P
Proposed Operation
Latitude: 42-55-19 N
Longitude: 085-41-07 W
ERP: 0.25 kW
Channel: 237
Frequency: 95.3 MHz
AMSL Height: 271.0 m
Horiz. Pattern: Omni

60 dBu Contour
Total Population: 340,682
Total Area: 296 sq. km

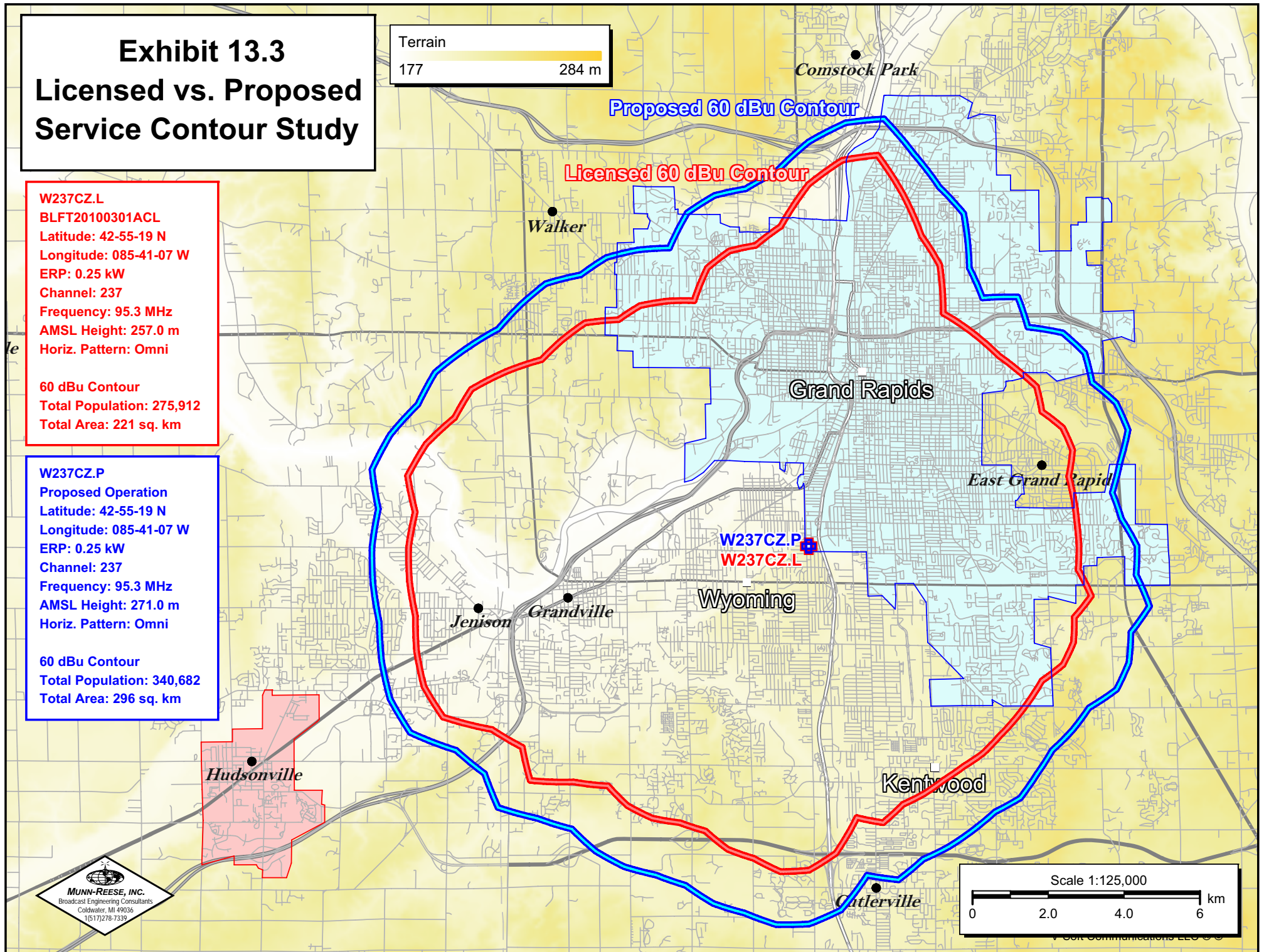


Exhibit 13.4 Proposed vs. Primary Service Contour Study



2 mV/m Daytime AM Contour
25 mile AM Site Radius

Call: WPRR(AM)
BL19990331DC
Fac ID: 87106
Freq: 1680 kHz
ADA, MI, US
Hours: D
Lat: 42-56-09 N
Lng: 085-27-26 W
Power: 10.0 kW
Theo RMS: 334.50 mV/m
@ 1km @ 1kW

W237CZ.P
Proposed Operation
Latitude: 42-55-19 N
Longitude: 085-41-07 W
ERP: 0.25 kW
Channel: 237
Frequency: 95.3 MHz
AMSL Height: 271.0 m
Horiz. Pattern: Omni

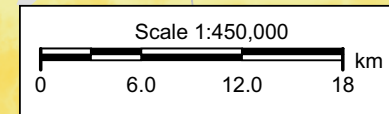
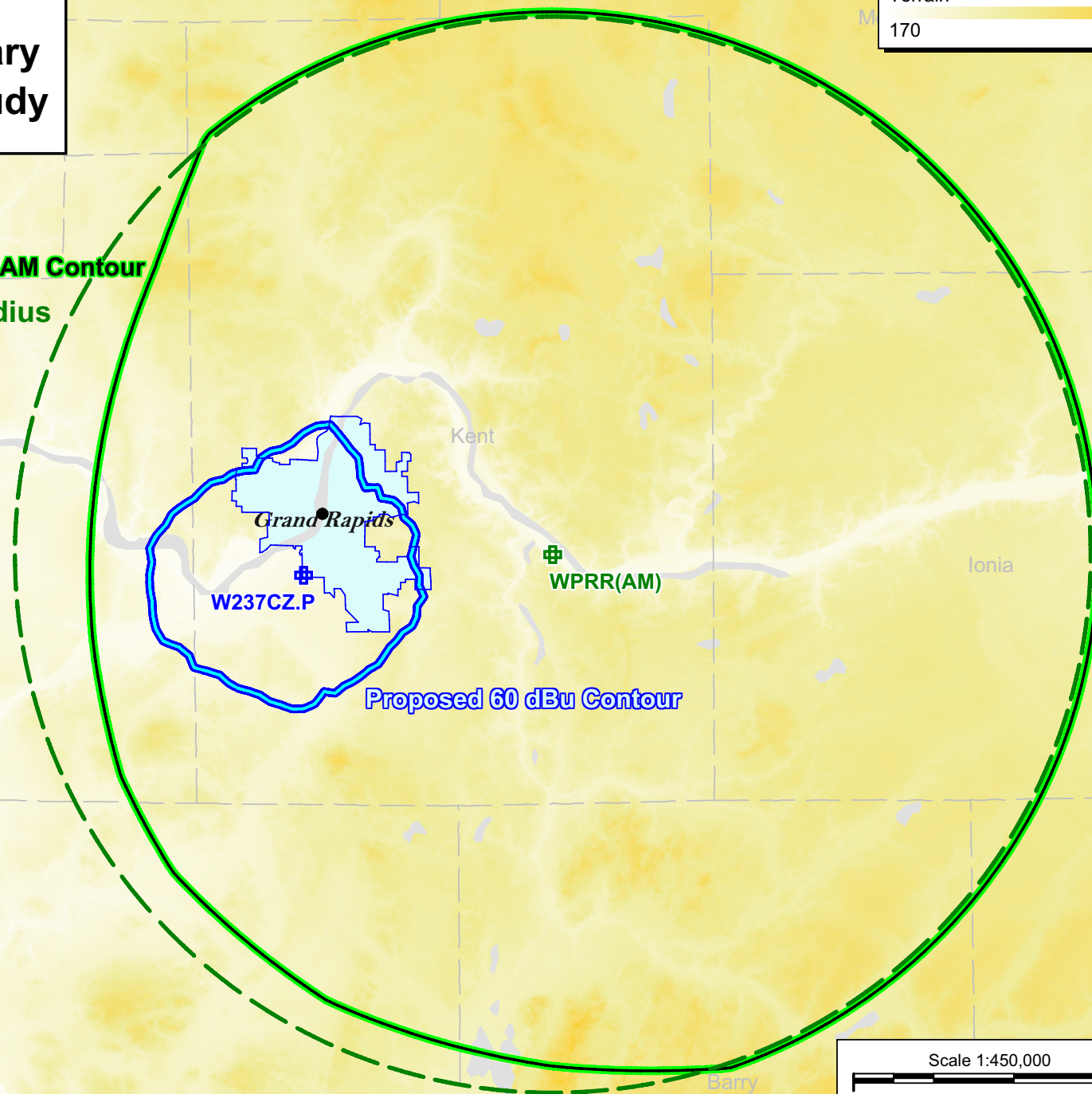


Exhibit 13.5

Tabulation of Proposed Allocation

Goodrich Radio Llc

REFERENCE		CH# 237D - 95.3 MHz, Pwr= 0.25 kW, HAAT= 54.9 M, COR= 271 M							DISPLAY DATES		
42 55 19.0 N.		Average Protected F(50-50)= 9.9 km							DATA 06-01-10		
85 41 07.0 W.		Omni-directional							SEARCH 06-04-10		
CH CITY	CALL	TYPE STATE	ANT --	AZI --	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
237D Hudsonville	W237CZ	LIC _C_ MI	0.0	0.0	0.0	42 55 19.0 85 41 07.0	0.250	31.9 257	9.6 Goodrich Radio Llc	-42.6*<	-45.8*<
239B Grand Rapids	WLHT-FM	LIC _CN MI	355.8	12.3	175.8	43 01 57.0 85 41 47.0	40.000 168	6.4 397	68.4 Regent Trust	-4.2*<	-57.7*<
237A Whitehall	WGVS-FM	LIC _CN MI	312.9	70.9	132.5	43 21 14.0 86 19 38.0	2.000 110	71.7 304	23.1 Grand Valley State Univers	-10.6*<	15.1
Accepted by Canada on 940207											
237A Battle Creek	WBCK-FM	LIC _CN MI	148.7	82.3	329.0	42 17 17.0 85 09 54.0	3.000 82	76.0 362	24.3 Capstar Tx Llc	-2.4*<	29.0
Accepted by Canada on 940207											
236D Forest Hills	W236BK	LIC _V_ MI	47.7	23.3	227.8	43 03 45.0 85 28 25.0	0.010	4.4 253	3.2 Horizon Christian Fellowsh	10.4	8.2
237A Clare	WCFX	LIC _CN MI	37.7	116.1	218.3	43 44 41.0 84 48 09.0	6.000 100	86.2 355	27.9 Grenax Broadcasting, Llc	21.8	60.9
Class B1 with respect to Canada											
235D Spring Lake	629243	APP _V_ MI	293.8	40.7	113.5	43 04 07.0 86 08 32.0	0.019	0.3 280	6.5 Calvary Chapel Of Twin Fal	29.4	33.0
235B East Lansing	WMMQ	LIC _CN MI	108.1	97.0	288.9	42 38 45.0 84 33 38.0	50.000 150	6.0 421	65.6 Citadel Broadcasting Compa	82.1	29.8
235D Grand Haven	643238	APP _C_ MI	290.4	45.9	110.0	43 03 50.9 86 12 47.8	0.080	0.6 234	7.0 Radio Assist Ministry, Inc	34.3	37.7
237A Niles	WTRC-FM	LIC NCX MI	199.7	139.6	19.3	41 44 16.0 86 15 10.0	5.500 84	81.3 312	24.7 Pathfinder Communications	48.8	83.2
236D Kalamazoo	W236AV	LIC _C_ MI	177.9	72.0	357.9	42 16 28.0 85 39 12.0	0.036	8.3 324	5.8 Family Life Broadcasting S	53.9	52.5
238D Portage	W238AL	LIC _C_ MI	173.3	76.6	353.4	42 14 13.0 85 34 38.0	0.130	12.2 308	8.7 Midwest Communications, In	54.9	54.7
237D Mason	W237BY	LIC _C_ MI	102.5	94.9	283.2	42 43 58.0 84 33 13.0	0.019	22.3 355	6.7 Educational Media Foundati	63.7	58.7
240D Charlotte	650063	APP _C_ MI	122.8	83.9	303.4	42 30 38.0 84 49 35.0	0.045	0.5 325	6.2 Family Stations, Inc.	74.9	76.6

Terrain database is NED 03 SEC, R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 1, Co to 3rd adjacent.
 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 protected contour.
 "<" = Contour Overlap

Yellow highlighted text denotes a §74.1204(d) Waiver Request for given second adjacent channel interference to WLHT-FM - Grand Rapids, MI, CH239B as included in **Exhibit 13.6**. Full protection will be afforded the facility as the calculated interference area will not reach the ground or a 7 meter artificial plane representing a standard two story building when taking into account the downward radiation characteristics of the antenna as supplied by the antenna manufacturer. A copy of the antenna manufacturer specifications have been included in **Exhibit 13.7**.

Munn-Reese, Inc.

Broadcast Engineering Consultants
 Coldwater, MI 49036

WLHT-FM.L
BLH19840120AE
 Latitude: 43-01-57 N
 Longitude: 085-41-47 W
 ERP: 40.00 kW
 Channel: 239
 Frequency: 95.7 MHz
 AMSL Height: 397.0 m
 Horiz. Pattern: Omni



WLHT-FM.L

Exhibit 13.6 §74.1204(d) Second Adjacent Channel Given Interference Waiver Request Study Toward WLHT-FM - CH239B - Grand Rapids, MI

W237CZ.P
Proposed Operation
 Latitude: 42-55-19 N
 Longitude: 085-41-07 W
 ERP: 0.25 kW
 Channel: 237
 Frequency: 95.3 MHz
 AMSL Height: 271.0 m
 Horiz. Pattern: Omni

Terrain

177

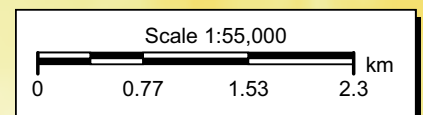
257 m

Proposed Antenna: 1 Bay ERI Series 100-1(F) One Bay Fully Spaced Proposed Power: 0.25 kW Antenna Height AGL: 60 meters Interference Contour: 128.5 dBu f(50:10) Artificial Ground Plane Height: 7 meters Distance (Free Space) Equation: $= (10^{((106.92 - [\text{desired dBu}] + [\text{ERP in dBk}]) / 20)) * 1000}$ Field Strength (dBu) Equation: $= 106.92 - (20 * (\text{LOG10}[\text{DistMeters}] / 1000)) + [\text{ERP in dBk}]$								
Depression				Distance				
Angle	Antenna			from Ant.	Distance	Field Strength	Distance	Field Strength
Below	Relative	ERP	ERP	to Interference	from Ant. to	in dBu @	from Ant.	in dBu @
Horizon	Field	in kW	in dBk	Contour	Artificial Plane	Artificial Plane	to Ground Level	Ground Level
0°	1.000	0.250	-6.02	41.68 m	infinite	---	---	---
-5°	0.997	0.249	-6.05	41.56 m	608.11 m	105.19 dBu	688.42 m	104.12 dBu
-10°	0.987	0.244	-6.13	41.14 m	305.21 m	111.09 dBu	345.53 m	110.02 dBu
-15°	0.970	0.235	-6.29	40.43 m	204.78 m	114.41 dBu	231.82 m	113.33 dBu
-20°	0.947	0.224	-6.49	39.47 m	154.96 m	116.62 dBu	175.43 m	115.54 dBu
-25°	0.918	0.211	-6.76	38.27 m	125.41 m	118.19 dBu	141.97 m	117.11 dBu
-30°	0.883	0.195	-7.10	36.81 m	106.00 m	119.31 dBu	120.00 m	118.23 dBu
-35°	0.842	0.177	-7.51	35.10 m	92.40 m	120.09 dBu	104.61 m	119.01 dBu
-40°	0.796	0.158	-8.00	33.18 m	82.45 m	120.59 dBu	93.34 m	119.52 dBu
-45°	0.744	0.138	-8.59	31.01 m	74.95 m	120.84 dBu	84.85 m	119.76 dBu
-50°	0.688	0.118	-9.27	28.68 m	69.19 m	120.85 dBu	78.32 m	119.77 dBu
-55°	0.627	0.098	-10.08	26.14 m	64.70 m	120.63 dBu	73.25 m	119.55 dBu
-60°	0.563	0.079	-11.01	23.47 m	61.20 m	120.17 dBu	69.28 m	119.10 dBu
-65°	0.495	0.061	-12.13	20.63 m	58.48 m	119.45 dBu	66.20 m	118.37 dBu
-70°	0.425	0.045	-13.45	17.72 m	56.40 m	118.44 dBu	63.85 m	117.36 dBu
-75°	0.352	0.031	-15.09	14.67 m	54.87 m	117.04 dBu	62.12 m	115.97 dBu
-80°	0.278	0.019	-17.14	11.59 m	53.82 m	115.16 dBu	60.93 m	114.08 dBu
-85°	0.202	0.010	-19.91	8.42 m	53.20 m	112.49 dBu	60.23 m	111.41 dBu
-90°	0.126	0.004	-24.01	5.25 m	53.00 m	108.42 dBu	60.00 m	107.34 dBu

W237CZ.P - 128.5 dBu F(50:10) Contour

W237CZ.P

WLHT-FM - 88.5 dBu F(50:50) Contour



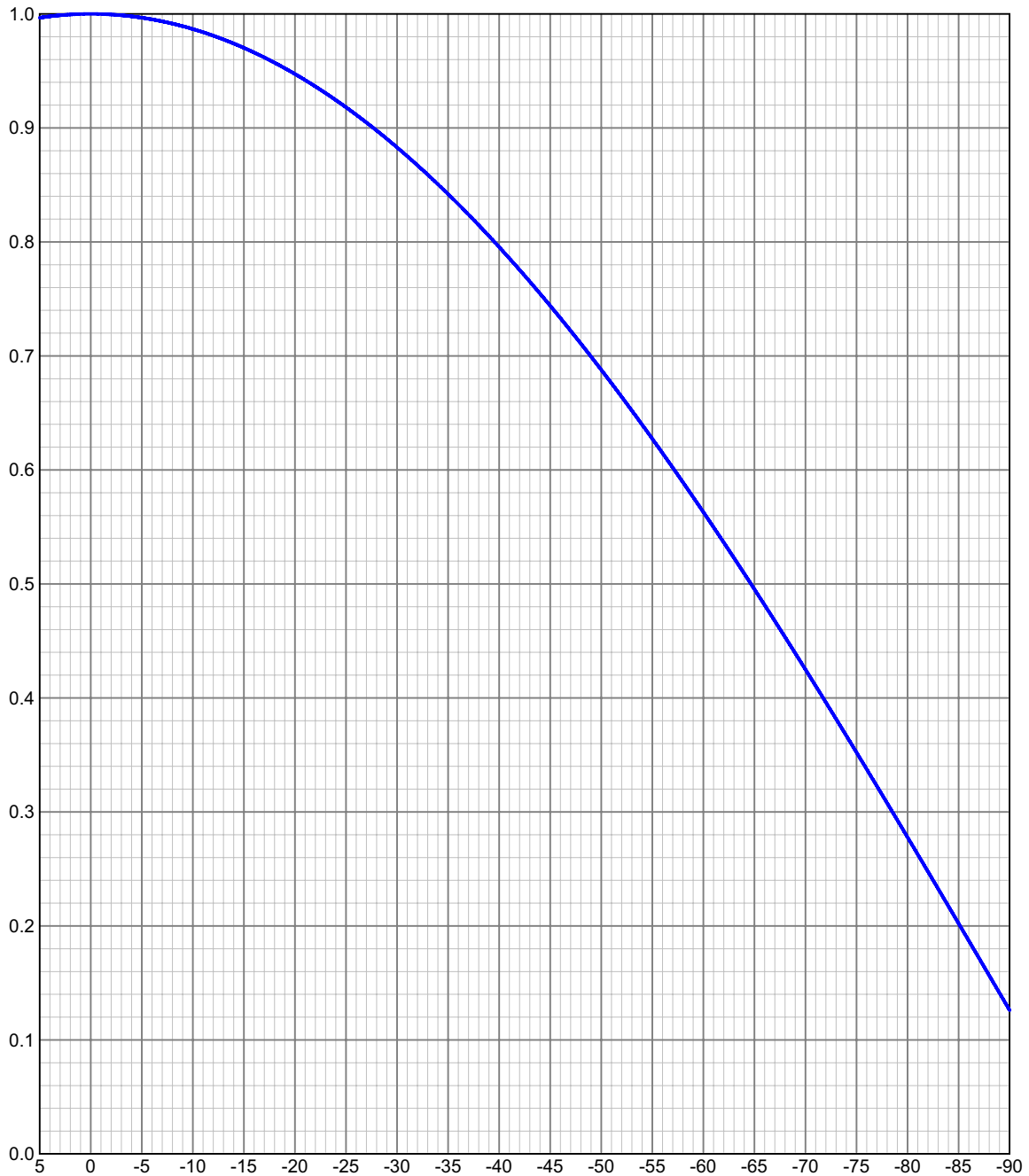
**Exhibit 13.7 - §74.1204(d) Waiver Request
Manufacturer's Vertical Radiation Pattern Data**

101-1(F)

ELEVATION PATTERN

Type:	1001F		Channel:	250
Directivity:	Numeric	dBd	Location:	
Main Lobe:	0.41	-3.82	Beam Tilt:	0.00
Horizontal:	0.41	-3.82	Polarization:	Circular

Relative Field



TABULATED DATA FOR ELEVATION PATTERN

Type: 1001F

Polarization: Circular

ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB					
5.00	0.997	-0.03	-6.75	0.994	-0.05	-27.00	0.905	-0.87	-50.50	0.682	-3.33	-74.00	0.367	-8.71
4.75	0.997	-0.03	-7.00	0.993	-0.06	-27.50	0.901	-0.90	-51.00	0.676	-3.40	-74.50	0.360	-8.88
4.50	0.997	-0.02	-7.25	0.993	-0.06	-28.00	0.898	-0.94	-51.50	0.670	-3.48	-75.00	0.352	-9.06
4.25	0.998	-0.02	-7.50	0.993	-0.07	-28.50	0.894	-0.97	-52.00	0.664	-3.56	-75.50	0.345	-9.25
4.00	0.998	-0.02	-7.75	0.992	-0.07	-29.00	0.890	-1.01	-52.50	0.658	-3.63	-76.00	0.337	-9.44
3.75	0.998	-0.02	-8.00	0.991	-0.07	-29.50	0.887	-1.04	-53.00	0.652	-3.72	-76.50	0.330	-9.63
3.50	0.998	-0.01	-8.25	0.991	-0.08	-30.00	0.883	-1.08	-53.50	0.646	-3.80	-77.00	0.323	-9.83
3.25	0.999	-0.01	-8.50	0.990	-0.08	-30.50	0.879	-1.12	-54.00	0.640	-3.88	-77.50	0.315	-10.03
3.00	0.999	-0.01	-8.75	0.990	-0.09	-31.00	0.875	-1.16	-54.50	0.634	-3.96	-78.00	0.308	-10.24
2.75	0.999	-0.01	-9.00	0.989	-0.09	-31.50	0.871	-1.20	-55.00	0.627	-4.05	-78.50	0.300	-10.45
2.50	0.999	-0.01	-9.25	0.989	-0.10	-32.00	0.867	-1.24	-55.50	0.621	-4.14	-79.00	0.293	-10.67
2.25	0.999	-0.01	-9.50	0.988	-0.10	-32.50	0.863	-1.28	-56.00	0.615	-4.23	-79.50	0.285	-10.89
2.00	0.999	0.00	-9.75	0.987	-0.11	-33.00	0.859	-1.32	-56.50	0.608	-4.32	-80.00	0.278	-11.13
1.75	1.000	0.00	-10.00	0.987	-0.12	-33.50	0.855	-1.36	-57.00	0.602	-4.41	-80.50	0.270	-11.36
1.50	1.000	0.00	-10.50	0.985	-0.13	-34.00	0.851	-1.41	-57.50	0.596	-4.50	-81.00	0.263	-11.61
1.25	1.000	0.00	-11.00	0.984	-0.14	-34.50	0.846	-1.45	-58.00	0.589	-4.60	-81.50	0.255	-11.86
1.00	1.000	0.00	-11.50	0.982	-0.15	-35.00	0.842	-1.49	-58.50	0.583	-4.69	-82.00	0.248	-12.12
0.75	1.000	0.00	-12.00	0.981	-0.17	-35.50	0.838	-1.54	-59.00	0.576	-4.79	-82.50	0.240	-12.39
0.50	1.000	0.00	-12.50	0.979	-0.18	-36.00	0.833	-1.59	-59.50	0.570	-4.89	-83.00	0.233	-12.67
0.25	1.000	0.00	-13.00	0.978	-0.20	-36.50	0.829	-1.63	-60.00	0.563	-4.99	-83.50	0.225	-12.96
0.00	1.000	0.00	-13.50	0.976	-0.21	-37.00	0.824	-1.68	-60.50	0.556	-5.09	-84.00	0.217	-13.26
-0.25	1.000	0.00	-14.00	0.974	-0.23	-37.50	0.819	-1.73	-61.00	0.550	-5.20	-84.50	0.210	-13.57
-0.50	1.000	0.00	-14.50	0.972	-0.25	-38.00	0.815	-1.78	-61.50	0.543	-5.30	-85.00	0.202	-13.89
-0.75	1.000	0.00	-15.00	0.970	-0.26	-38.50	0.810	-1.83	-62.00	0.536	-5.41	-85.50	0.195	-14.22
-1.00	1.000	0.00	-15.50	0.968	-0.28	-39.00	0.805	-1.88	-62.50	0.530	-5.52	-86.00	0.187	-14.56
-1.25	1.000	0.00	-16.00	0.966	-0.30	-39.50	0.800	-1.93	-63.00	0.523	-5.63	-86.50	0.179	-14.93
-1.50	1.000	0.00	-16.50	0.964	-0.32	-40.00	0.796	-1.99	-63.50	0.516	-5.75	-87.00	0.172	-15.30
-1.75	1.000	0.00	-17.00	0.962	-0.34	-40.50	0.791	-2.04	-64.00	0.509	-5.86	-87.50	0.164	-15.70
-2.00	0.999	0.00	-17.50	0.960	-0.36	-41.00	0.786	-2.10	-64.50	0.502	-5.98	-88.00	0.156	-16.11
-2.25	0.999	-0.01	-18.00	0.957	-0.38	-41.50	0.781	-2.15	-65.00	0.495	-6.10	-88.50	0.149	-16.54
-2.50	0.999	-0.01	-18.50	0.955	-0.40	-42.00	0.776	-2.21	-65.50	0.488	-6.22	-89.00	0.141	-17.00
-2.75	0.999	-0.01	-19.00	0.952	-0.42	-42.50	0.770	-2.27	-66.00	0.481	-6.35	-89.50	0.134	-17.48
-3.00	0.999	-0.01	-19.50	0.950	-0.45	-43.00	0.765	-2.32	-66.50	0.475	-6.48	-90.00	0.126	-17.99
-3.25	0.999	-0.01	-20.00	0.947	-0.47	-43.50	0.760	-2.38	-67.00	0.467	-6.60			
-3.50	0.998	-0.01	-20.50	0.945	-0.49	-44.00	0.755	-2.44	-67.50	0.460	-6.74			
-3.75	0.998	-0.02	-21.00	0.942	-0.52	-44.50	0.749	-2.51	-68.00	0.453	-6.87			
-4.00	0.998	-0.02	-21.50	0.939	-0.54	-45.00	0.744	-2.57	-68.50	0.446	-7.01			
-4.25	0.998	-0.02	-22.00	0.936	-0.57	-45.50	0.739	-2.63	-69.00	0.439	-7.15			
-4.50	0.997	-0.02	-22.50	0.933	-0.60	-46.00	0.733	-2.70	-69.50	0.432	-7.29			
-4.75	0.997	-0.03	-23.00	0.931	-0.63	-46.50	0.728	-2.76	-70.00	0.425	-7.43			
-5.00	0.997	-0.03	-23.50	0.928	-0.65	-47.00	0.722	-2.83	-70.50	0.418	-7.58			
-5.25	0.996	-0.03	-24.00	0.924	-0.68	-47.50	0.716	-2.90	-71.00	0.411	-7.73			
-5.50	0.996	-0.04	-24.50	0.921	-0.71	-48.00	0.711	-2.96	-71.50	0.403	-7.89			
-5.75	0.996	-0.04	-25.00	0.918	-0.74	-48.50	0.705	-3.03	-72.00	0.396	-8.04			
-6.00	0.995	-0.04	-25.50	0.915	-0.77	-49.00	0.699	-3.11	-72.50	0.389	-8.21			
-6.25	0.995	-0.05	-26.00	0.912	-0.80	-49.50	0.694	-3.18	-73.00	0.382	-8.37			
-6.50	0.994	-0.05	-26.50	0.908	-0.84	-50.00	0.688	-3.25	-73.50	0.374	-8.54			