

# Exhibit 25.1 (As Amended)

## Tabulation of Commercial Spacings

Tabulations of contours will be supplied upon request.  
Sovereign Communications, Llc

REFERENCE CLASS = C2 DISPLAY DATES  
46 26 58 N. DATA 11-26-05  
85 06 04 W. Current Spacings SEARCH 12-01-05  
----- Channel 230 - 93.9 MHz -----

Call	Channel	Location	Azi	Dist	FCC	Margin	
Lat.	Lng.	Ant	Power	HAAT			
WNBYFM CP	230C2	Newberry	MI	209.4	11.55	190.0	-178.45
46 21 32	85 10 30	CX	50.000 kW	141 M			
Sovereign Communications, BPH20030930APD							
WNBYFM LIC	229A	Newberry	MI	244.4	34.94	106.0	-71.06
46 18 48	85 30 38	CN	6.000 kW	80 M			
Sovereign Communications, BMLH19990709KD							
ALLO ---	230A	Desolation Lake	ON	4.4	205.91	210.0	-4.09
48 17 47	84 53 22		6.000 kW	100 M			
WAVC LIC	230C2	Mio	MI	163.0	199.90	190.0	9.90
44 43 40	84 21 35	CN	50.000 kW	132 M			
Northern Star Broadcasting BLH19941013KA							
WDORFM LIC	230C1	Sturgeon Bay	WI	226.6	246.34	224.0	22.34
44 54 23	87 22 15	CN	77.000 kW	198 M			
Door County Broadcasting C BLH19801224AK							
WLJZ LIC-N	233C2	Mackinaw City	MI	157.4	94.19	58.0	36.19
45 40 00	84 38 05	NC	40.000 kW-N	116 M			
Northern Star Broadcasting BLH20010523AAL							
ALLO ---	231C1	Little Current	ON	102.4	247.14	195.0	52.14
45 55 52	81 59 14		100.000 kW	299 M			
Change in community from channel 231C in Manitoulin Island, ON.							
WBCM LIC	228C2	Boyne City	MI	172.1	126.25	58.0	68.25
45 19 27	84 52 44	CN	14.000 kW	283 M			
Wbcm Radio, Inc. BLH19931014KE							
WUPK LIC-N	231A	Marquette	MI	273.1	183.03	106.0	77.03
46 30 51	87 28 58	NCX	4.400 kW-N	116 M			
Northern Star Broadcasting BLH20040528AJW							
RADD ADD	227A	Presque Isle	MI	134.8	179.17	55.0	124.17
45 18 15	83 28 37		6.000 kW	100 M			
Northern Paul Bunyan Radio							
AL284 RSV	284C	Escanaba	MI	256.7	163.90	35.0	128.90
46 05 31	87 09 50		100.000 kW	600 M			
RM9801							
Counterproposal/alternate site							
WFCX LIC-Z	232C2	Leland	MI	193.8	191.88	58.0	133.88
44 46 19	85 40 58	ZCN	20.500 kW-Z	233 M			
Northern Michigan Radio, I BLH19970421KA							

A Contour Protection Map Towards ALLO 230A Desolation Lake, ON, CA has been included in Exhibit 25.2.

**ALLO**

Desolation Lake, ON, CA  
Latitude: 48-17-47 N  
Longitude: 084-53-22 W  
ERP: 6.00 kW  
HAAT: 100.0 m  
Channel: 230  
Frequency: 93.9 MHz  
AMSL Height: 530.94 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

**Exhibit 25.2 (As Amended)**  
**Contour Protection Map Towards**  
**ALLO 230A - Desolation Lake, ON, CA**

38 km Arc

112.5 km Arc

34 dBu f(50:10)

54 dBu f(50:50)

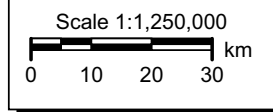
**WNBY-FM.P**

Proposed Operation  
Latitude: 46-26-58 N  
Longitude: 085-06-04 W  
ERP: 50.00 kW  
HAAT: 135.18 m  
Channel: 230  
Frequency: 93.9 MHz  
AMSL Height: 368.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None



**MUNN-REESE, INC.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036  
1(517)278-7339

WNBY-FM.P



# Exhibit 25.3 (As Amended)

## Proposed Directional Antenna Study

The antenna proposed in this application will be mounted in accordance with specific instructions provided by the antenna manufacturer. The tower is an existing structure of uniform cross section.

The antenna will be tested by the manufacturer using the type of mounting which will be employed in the field. The directional antenna will not be mounted on the top of an antenna tower which includes a top-mounted platform larger than the nominal cross-sectional area of the tower in the horizontal plane. No other antennas of any type are or will be mounted on the same tower level as the directional antenna.

No antenna is or will be mounted within any vertical or horizontal distance specified by the antenna manufacturer as being necessary for proper operation of the directional antenna. The antenna will be assembled under the supervision of a qualified engineer, who will provide the required certification. Upon completion of antenna construction, a statement from a licensed surveyor will be submitted with the application for license. This statement will certify that the antenna has been installed pursuant to the manufacturer's instructions, and is in the proper orientation.

The proposed antenna is a Dielectric DCRM5E DA consisting of five (5) bays. Each bay is composed of a modified driven circularly polarized, EPA type 7 element. Each bay is evenly spaced one (1) wavelength vertically from the adjacent element. The antenna pattern will be measured by the manufacturer on the test range. Measurement results will be supplied to the Commission at the time Form 302-FM is filed covering the construction.

Bearing    Field % Voltage

000	=	0.865
010	=	0.865
020	=	1.000
030	=	1.000
040	=	1.000
050	=	1.000
060	=	1.000
070	=	1.000
080	=	1.000
090	=	1.000
100	=	1.000
110	=	1.000
120	=	1.000
130	=	1.000
140	=	1.000
150	=	1.000
160	=	1.000
170	=	1.000
180	=	1.000
190	=	1.000
200	=	1.000
210	=	1.000
220	=	1.000
230	=	1.000
240	=	1.000
250	=	1.000
260	=	1.000
270	=	1.000
280	=	0.865
290	=	0.800
300	=	0.700
310	=	0.600
320	=	0.600
330	=	0.700
340	=	0.800
350	=	0.865

Graph is Percent Relative Field Voltage

