

**MODIFY BPH-20060228AOO**  
**SEA-COMM, INC.**  
**WBNE (FM) RADIO STATION**  
**CH 229A - 93.7 MHZ - 6.0 KW**  
**TOPSAIL BEACH, NORTH CAROLINA**  
**August 2006**

**EXHIBIT B**

**Shortspaced Facilities Utilizing Section 73.215**

The proposed WBNE antenna location will be shortspaced to one other FM station: WLQB, Channel 228A, Ocean Isle Beach, North Carolina. The detailed spacing information with regard to this station is shown on Exhibit B1. Sea-Comm proposes to use the provisions of §73.215 of the Commission's rules to address this shortage. The shortage to this facility complies with §73.215(e) of the Commission's rules.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed WBNE and licensed WLQB. The contours of WLQB are based on its authorized values, since it is licensed under §73.215 of the rules. Attached as Exhibits B3 through B4 are the tabulated distances to the protected and interfering contour, along the pertinent arcs of the proposed WBNE and licensed WLQB. Further, attached as Exhibit B5 are the tabulated and protected contours of the proposed facility in ten degree increments. Again, there is no prohibited overlap between the facilities.

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**EXHIBIT B1**

Clearance Study for WBNE Topsail Beach, North Carolina  
Using Proposed Site as Reference

REFERENCE	CLASS = A	DISPLAY DATES
34 18 04 N.	Current	DATA 08-23-06
77 48 07 W.	Spacings	SEARCH 08-23-06
----- Channel 229 - 93.7 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
Lat.	Lng.	Ant	Power	HAAT		
WBNE.C	CP -N 229C3	Topsail Beach	NC 29.3	14.86	142.0	-127.14
	34 25 04	77 43 21 NCX	11.000 kW	152 M		
	Sea-comm, Inc.		BPH-20060228AOO			
WBNE	LIC-N 229A	Wrightsville Beach	NC 0.0	0.00	115.0	-115.00
	34 18 04	77 48 07 NC	6.000 kW	100 M		
	Sea-comm, Inc.		BLH-20001215AAO			
* WLQB	LIC-Z 228A	Ocean Isle Beach	NC 232.9	68.79	72.0	-3.21
	33 55 37	78 23 48 ZCN	6.000 kW	100 M		
	Qantum Of Myrtle Beach Lic		BLH-19990204KC			
WRQR	LIC 283A	Wilmington	NC 221.3	19.86	10.0	9.86
	34 10 00	77 56 40 C	3.100 kW	137 M		
	Nm Licensing Llc		BLH-19990629KC			
WRSN.C	CP -Z 230C	Cary	NC 329.8	182.10	165.0	17.10
	35 42 50	78 49 04 ZCX	100.000 kW	453 M		
	Capstar Tx Limited Partner		BPH-20051003BFZ			
WZKB.C	CP 232A	Wallace	NC 340.6	53.81	31.0	22.81
	34 45 30	77 59 52 CX	6.000 kW	100 M		
	Christian Listening Network		BPH-20060412AAC			
WZKB	LIC 232A	Wallace	NC 340.4	53.85	31.0	22.85
	34 45 29	78 00 00 CN	3.300 kW	90 M		
	Christian Listening Network		BMLH-19920601KE			
WERO	LIC 227C	Washington	NC 17.4	123.81	95.0	28.81
	35 21 55	77 23 38 CN	100.000 kW	543 M		
	Nm Licensing Llc		BLH-19791206AF			
WJXYFM	LIC 230A	Conway	SC 242.5	111.17	72.0	39.17
	33 50 07	78 52 06 CN	3.700 kW	128 M		
	Cumulus Licensing Llc		BLH-19960529KB			

\* Note: This shortage is addressed under \$73.215, see Exhibit B for details.



**Graham Brock, Inc. - Broadcast Technical Consultants**

**WBNE - Proposed**  
Latitude: 34-18-04 N  
Longitude: 077-48-07 W  
ERP: 6.00 kW  
Channel: 229A  
Frequency: 93.7 MHz  
AMSL Height: 104.0 m

**WLQB**  
BLH-19990204KC  
Latitude: 33-55-37 N  
Longitude: 078-23-48 W  
ERP: 6.00 kW  
Channel: 228  
Frequency: 93.5 MHz  
AMSL Height: 106.0 m

**WBNE 54 dBu (50/10)**

**WBNE 60 dBu (50/50)**

**WLQB 60 dBu (50/50)**

**WLQB 54 dBu (50/10)**

**EXHIBIT B2**  
**MODIFY BPH-20060228AOO**  
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Scale 1:1,000,000

0 10 20 30 km



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**EXHIBIT B3**

WBNE - Proposed  
Channel = 229A  
Max ERP = 6 kW  
RCAMSL = 104 M  
N. Lat = 341804  
W. Lng = 774807

WLQB - BLH-19990204KC  
Channel = 228A  
Max ERP = 6 kW  
RCAMSL = 106 M  
N. Lat = 33 55 37  
W. Lng = 78 23 48

Protected  
60 dBu

Interfering  
54 dBu

***30 second terrain database***

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
213.0	006.0000	0098.7	028.1	065.4	001.2150	0099.9	043.5	47.2
214.0	006.0000	0098.4	028.1	064.9	001.2150	0099.9	043.3	47.3
215.0	006.0000	0098.2	028.1	064.3	001.2150	0100.1	043.0	47.4
216.0	006.0000	0098.2	028.1	063.7	001.2150	0100.1	042.8	47.4
217.0	006.0000	0098.3	028.1	063.1	001.2150	0100.2	042.6	47.6
218.0	006.0000	0098.4	028.1	062.5	001.2150	0100.2	042.3	47.6
219.0	006.0000	0098.5	028.1	061.9	001.2150	0100.3	042.1	47.7
220.0	006.0000	0098.5	028.1	061.3	001.2150	0100.4	041.9	47.8
221.0	006.0000	0098.5	028.1	060.7	001.2150	0100.4	041.8	47.9
222.0	006.0000	0098.4	028.1	060.1	001.2150	0100.4	041.6	48.0
223.0	006.0000	0098.3	028.1	059.4	001.2150	0100.3	041.5	48.0
224.0	006.0000	0098.2	028.1	058.7	001.2150	0100.3	041.4	48.1
225.0	006.0000	0098.3	028.1	058.1	001.2150	0100.2	041.2	48.1
226.0	006.0000	0098.4	028.1	057.4	001.2150	0100.2	041.1	48.2
227.0	006.0000	0098.6	028.1	056.8	001.2150	0100.2	041.0	48.2
228.0	006.0000	0098.9	028.1	056.1	001.2150	0100.2	040.9	48.3
229.0	006.0000	0099.1	028.2	055.4	001.2150	0100.3	040.8	48.3
230.0	006.0000	0099.1	028.2	054.7	001.2150	0100.3	040.7	48.3
231.0	006.0000	0099.0	028.2	054.0	001.2150	0100.3	040.7	48.3
232.0	006.0000	0098.9	028.1	053.3	001.2150	0100.3	040.7	48.3
233.0	006.0000	0098.7	028.1	052.6	001.2150	0100.3	040.7	48.3
234.0	006.0000	0098.6	028.1	052.0	001.2150	0100.3	040.7	48.3
235.0	006.0000	0098.5	028.1	051.3	001.2150	0100.2	040.8	48.3
236.0	006.0000	0098.4	028.1	050.6	001.2150	0100.2	040.8	48.3
237.0	006.0000	0098.4	028.1	049.9	001.2179	0099.9	040.9	48.2
238.0	006.0000	0098.5	028.1	049.2	001.2365	0099.7	040.9	48.3
239.0	006.0000	0098.7	028.1	048.5	001.2551	0099.7	041.0	48.3
240.0	006.0000	0098.9	028.1	047.8	001.2739	0099.5	041.0	48.3
241.0	006.0000	0099.1	028.2	047.2	001.2927	0099.2	041.1	48.3
242.0	006.0000	0099.3	028.2	046.5	001.3115	0098.8	041.2	48.3
243.0	006.0000	0099.5	028.2	045.8	001.3303	0098.8	041.3	48.3
244.0	006.0000	0099.8	028.3	045.2	001.3492	0098.5	041.5	48.3
245.0	006.0000	0099.9	028.3	044.5	001.3679	0098.5	041.6	48.3
246.0	006.0000	0099.9	028.3	043.9	001.3860	0098.2	041.8	48.3
247.0	006.0000	0099.8	028.3	043.3	001.4038	0098.1	042.0	48.2
248.0	006.0000	0099.6	028.2	042.7	001.4213	0098.1	042.2	48.2
249.0	006.0000	0099.4	028.2	042.1	001.4384	0098.1	042.4	48.2
250.0	006.0000	0099.2	028.2	041.5	001.4553	0098.1	042.7	48.1
251.0	006.0000	0099.0	028.2	040.9	001.4717	0098.2	043.0	48.1
252.0	006.0000	0098.8	028.1	040.4	001.4880	0098.4	043.2	48.0
253.0	006.0000	0098.7	028.1	039.9	001.5084	0098.4	043.5	48.0
254.0	006.0000	0098.7	028.1	039.3	001.5408	0098.6	043.8	48.0

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**August 2006**

**EXHIBIT B4**

WLQB - BLH-19990204KC  
Channel = 228A  
Max ERP = 6 kW  
RCAMSL = 106 M  
N. Lat = 33 55 37  
W. Lng = 78 23 48

WBNE - Proposed  
Channel = 229A  
Max ERP = 6 kW  
RCAMSL = 104 M  
N. Lat = 341804  
W. Lng = 774807

Protected  
60 dBu

Interfering  
54 dBu

***30 second terrain database***

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
033.0	001.9494	0098.3	021.7	241.6	006.0000	0099.3	048.9	52.0
034.0	001.8816	0098.2	021.6	241.1	006.0000	0099.1	048.9	52.0
035.0	001.8150	0098.4	021.4	240.6	006.0000	0099.1	048.8	52.0
036.0	001.7496	0098.6	021.2	240.1	006.0000	0098.9	048.8	51.9
037.0	001.6854	0098.7	021.0	239.6	006.0000	0098.9	048.9	51.9
038.0	001.6224	0098.7	020.9	239.2	006.0000	0098.7	048.9	51.9
039.0	001.5606	0098.6	020.6	238.7	006.0000	0098.7	049.0	51.9
040.0	001.5000	0098.4	020.4	238.2	006.0000	0098.5	049.1	51.8
041.0	001.4702	0098.2	020.3	237.8	006.0000	0098.5	049.1	51.8
042.0	001.4406	0098.1	020.2	237.3	006.0000	0098.4	049.1	51.8
043.0	001.4113	0098.1	020.1	236.9	006.0000	0098.4	049.1	51.8
044.0	001.3824	0098.2	020.0	236.5	006.0000	0098.4	049.1	51.8
045.0	001.3537	0098.5	019.9	236.1	006.0000	0098.4	049.1	51.8
046.0	001.3254	0098.8	019.9	235.7	006.0000	0098.4	049.1	51.8
047.0	001.2974	0099.2	019.8	235.2	006.0000	0098.5	049.1	51.8
048.0	001.2696	0099.5	019.7	234.8	006.0000	0098.5	049.2	51.8
049.0	001.2421	0099.7	019.6	234.4	006.0000	0098.6	049.2	51.8
050.0	001.2150	0099.9	019.5	234.0	006.0000	0098.6	049.3	51.8
051.0	001.2150	0100.2	019.6	233.6	006.0000	0098.6	049.2	51.8
052.0	001.2150	0100.3	019.6	233.2	006.0000	0098.7	049.2	51.8
053.0	001.2150	0100.3	019.6	232.8	006.0000	0098.7	049.2	51.8
054.0	001.2150	0100.3	019.6	232.4	006.0000	0098.9	049.2	51.8
055.0	001.2150	0100.3	019.6	232.0	006.0000	0098.9	049.2	51.8
056.0	001.2150	0100.2	019.6	231.6	006.0000	0098.9	049.2	51.8
057.0	001.2150	0100.2	019.6	231.2	006.0000	0099.0	049.3	51.8
058.0	001.2150	0100.2	019.6	230.8	006.0000	0099.0	049.3	51.8
059.0	001.2150	0100.3	019.6	230.4	006.0000	0099.1	049.4	51.8
060.0	001.2150	0100.4	019.6	230.1	006.0000	0099.1	049.4	51.8
061.0	001.2150	0100.4	019.6	229.7	006.0000	0099.1	049.5	51.7
062.0	001.2150	0100.3	019.6	229.3	006.0000	0099.1	049.5	51.7
063.0	001.2150	0100.2	019.6	228.9	006.0000	0099.1	049.6	51.7
064.0	001.2150	0100.1	019.6	228.5	006.0000	0099.1	049.7	51.6
065.0	001.2150	0099.9	019.5	228.1	006.0000	0098.9	049.8	51.6
066.0	001.2150	0099.9	019.5	227.8	006.0000	0098.9	049.9	51.5
067.0	001.2150	0100.0	019.6	227.4	006.0000	0098.6	050.0	51.5
068.0	001.2150	0100.2	019.6	227.0	006.0000	0098.6	050.1	51.4
069.0	001.2150	0100.5	019.6	226.6	006.0000	0098.6	050.2	51.4
070.0	001.2150	0100.9	019.6	226.3	006.0000	0098.4	050.3	51.3
071.0	001.2421	0101.1	019.8	225.9	006.0000	0098.4	050.4	51.3
072.0	001.2696	0101.2	019.9	225.4	006.0000	0098.3	050.4	51.3
073.0	001.2974	0101.1	020.0	225.0	006.0000	0098.3	050.5	51.3



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**EXHIBIT B5**

N. Lat. = 34 18 04: Tabulated Protected and Interfering Contour Data  
W. Lng. = 77 48 07: WBNE, Topsail Beach, North Carolina

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	5.3	99.1	4.8600	6.87	0.900	26.87	83.21	41.30	2.58
010	6.3	98.1	3.8400	5.84	0.800	25.38	79.37	38.69	2.41
020	8.2	96.2	2.9400	4.68	0.700	23.67	74.89	35.68	2.23
030	9.5	94.9	2.1600	3.34	0.600	21.89	69.99	32.53	2.03
040	10.3	94.1	1.5000	1.76	0.500	19.95	64.46	29.33	1.81
050	8.8	95.6	1.2150	0.85	0.450	19.08	61.87	28.05	1.70
060	3.2	101.2	1.2150	0.85	0.450	19.67	62.96	28.93	1.73
070	0.6	103.8	1.2150	0.85	0.450	19.94	63.46	29.33	1.75
080	0.0	104.4	1.5000	1.76	0.500	21.05	66.51	31.08	1.87
090	0.0	104.4	2.1600	3.34	0.600	22.94	71.79	34.33	2.10
100	0.0	104.4	2.9400	4.68	0.700	24.60	76.40	37.26	2.30
110	0.1	104.3	3.8400	5.84	0.800	26.12	80.47	39.90	2.47
120	0.1	104.3	4.8600	6.87	0.900	27.53	84.11	42.33	2.64
130	0.0	104.4	6.0000	7.78	1.000	28.87	87.40	44.60	2.80
140	0.0	104.4	6.0000	7.78	1.000	28.87	87.40	44.60	2.80
150	0.2	104.2	6.0000	7.78	1.000	28.85	87.37	44.56	2.80
160	0.5	103.9	6.0000	7.78	1.000	28.81	87.32	44.51	2.80
170	0.5	103.9	6.0000	7.78	1.000	28.80	87.31	44.50	2.79
180	1.1	103.3	6.0000	7.78	1.000	28.72	87.21	44.38	2.79
190	2.0	102.4	6.0000	7.78	1.000	28.61	87.06	44.20	2.78
200	4.4	100.0	6.0000	7.78	1.000	28.29	86.66	43.73	2.75
210	4.8	99.6	6.0000	7.78	1.000	28.24	86.59	43.65	2.75
220	5.5	98.9	6.0000	7.78	1.000	28.15	86.48	43.51	2.74
230	4.9	99.5	6.0000	7.78	1.000	28.23	86.58	43.64	2.75
240	5.1	99.3	6.0000	7.78	1.000	28.20	86.54	43.59	2.74
250	4.8	99.6	6.0000	7.78	1.000	28.25	86.60	43.66	2.75
260	6.2	98.2	6.0000	7.78	1.000	28.06	86.36	43.37	2.73
270	7.3	97.1	6.0000	7.78	1.000	27.91	86.18	43.15	2.72
280	7.1	97.3	6.0000	7.78	1.000	27.94	86.21	43.19	2.72
290	8.2	96.2	6.0000	7.78	1.000	27.78	86.02	42.95	2.71
300	6.0	98.4	6.0000	7.78	1.000	28.08	86.40	43.41	2.73
310	6.1	98.3	6.0000	7.78	1.000	28.07	86.38	43.39	2.73
320	6.6	97.8	6.0000	7.78	1.000	28.00	86.29	43.29	2.73
330	6.4	98.0	6.0000	7.78	1.000	28.03	86.33	43.33	2.73
340	6.4	98.0	6.0000	7.78	1.000	28.02	86.32	43.32	2.73
350	5.1	99.3	6.0000	7.78	1.000	28.19	86.54	43.58	2.74

AMSL= 104.4 M