

APPLICATION FOR STATION LICENSE
SEA-COMM, INC.
WNTB RADIO STATION
CH 229A - 93.7 MHZ - 6.0 KW
TOPSAIL BEACH, NORTH CAROLINA
February 2007

EXHIBIT A

WNTB Transmission System Calculations

Effective Radiated Power:	
Horizontal	6.0 kilowatts
Vertical	6.0 kilowatts
Antenna:	Electronics Research, Inc., LP-4E
	4 bay full wavelength spaced
Horizontal gain	2.1332
Transmission Line:	Andrew Corp. HJ7-50A
(300 feet)	1 5/8 inch air dielectric
	87.1% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	3.229 kilowatts

Facilities Authorized:	Channel 229A - 93.7 MHz
Effective Radiated Power:	6.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 34° 18' 04"
	West Longitude 77° 48' 07"
Antenna Center of Radiation:	Above Ground 90.0 meters
	Above MSL 104.0 meters
	HAAT 100.0 meters
Antenna Structure Registration #:	1218146