

RBC Signals Satellite Earth Station STA

EXHIBIT A

Antenna

Antenna Description	Deadhorse 6m
Antenna size	6 meters
Transmit Frequencies	2045.85- 2046.15 MHz; 2047.85- 2048.15 MHz; 2049.85-2050.15 MHz; 2052.85-2053.15 MHz; 2055.85- 2056.15 MHz; 2074.85-2075.15 MHz; 2074.85-2075.15 MHz
Receive Frequencies	
Polarization	RHC
Bandwidth	300kHz
Transmit Gain	34.1 dBi @ 2.046 GHz 34.1 dBi @ 2.048 GHz 34.1 dBi @ 2.050 GHz 34.1 dBi @ 2.053 GHz 34.1 dBi @ 2.056 GHz 34.1 dBi @ 2.075 GHz
Maximum EIRP Density per Carrier	44.1 dBW
Latitude (NAD83)	70°12'42.0" N
Longitude (NAD83)	148°24'43.0" W

Point(s) of Communication

Satellite	Mandrake- ABLE
Call Sign	
Satellite Type	NGSO
Orbital Location	525km

Satellite	Mandrake- BAKER
Call Sign	
Satellite Type	NGSO
Orbital Location	525km

Satellite	Sherpa LTE
Call Sign	
Satellite Type	NGSO
Orbital Location	525km 97.6° inclination

Satellite	Sherpa- AC1
Call Sign	S3133
Satellite Type	NGSO
Orbital Location	525km 97.5° inclination