

Exhibit 1*already auth'd***Item 3**

The only area that we are trying to modify is to add an antenna site for our 2211.5 & 2272.5 MHz. We wish to transmit outside the hold and transmit directly to the satellite while in port (approximately 5-7 times a year).

Exhibit 2**Item 4**

	Frequency (MHz)	Power (ERP)	Emission	Coordinates
1.	166.0	0.05 w	1M11F1D	334441N 1181328W
2.	211.3, 219.3	0.05 w	4M00F1D	334441N 1181328W
3.	768.97	0.125 w	10M2G2D	334441N 1181328W
4.	5620	7500 w	32M0P0N	334444N 1181329W
5.	420.8, 425.8, 421, 426	0.025 w	46K0G7D	334500N 1181312W
6.	7194.5, 7494.5	6.1 w	1M75G1E	334441N 1181328W
7.	7355.5, 7655.5	19000 w	1M75G1E	334444N 1181310W
8.	922.76	0.125 w	10M2G2D	334442N 1181315W
9.	5850-6425	10.7 mw (EIRP)	8M40G1E	334444N 1181310W
10.	2211.5, 2272.5	40 w	20M0G2B	334441N 1181328W

Exhibit 3**Item 13**

	Manufacturer	Model Number	No. Of units
1,2	IRZ	TU2.010.014	
1,2,3,8	RNIIKP	VB-162-01	
3,8	Hewlett Packard	8447E	
3,8	RNIIKP	IU2.017.176	
3,8	RNIIKP	21A03	
4	Kavouras	TDR3070	
5	Kosokrator Ltd	AYDS 464426.001	
5	Chezara	AYDS 464426.001-01	
6,7	NOKIA	DMR7000	
9	MCL	MX9011-3.3C24BXF	
10	Cincinnati Electronics	T-709A	

Exhibit 4**Item 15**

This is the only area that we are trying to modify on our experimental FCC license WA2XQQ. The current license only allows the use of 2211.5 & 2272.5 MHz to transmit inside the hold of the ship. We wish to transmit outside the hold and transmit directly to the satellite while in port (approximately 5-7 times a year). We wish to put an antenna on the top deck with an approximately 40° beamwidth. The antenna will have an azimuth of 249.3° and an elevation of 19.7°. There will be no changes to the modulation or power.