Maritime Telecommunications Network, Inc.
Request for STA
Attachment 1

This application is an electronic follow-up version of Maritime Telecommunications Network, Inc.'s ("MTN") initial request for a 30-day special temporary authority to operate a network consisting of a hub station and three C-band 2.4 meter earth stations on vessels ("ESVs"). The initial request was granted by the FCC on September 4, 2005. The authority requested herein will permit the ESV network to provide connection to three Carnival Cruise Line vessels docked in Galveston, Texas and Mobile, Alabama, thereby providing communications services to relief workers and displaced persons temporarily housed on the vessels due to Hurricane Katrina.

MTN has completed frequency coordination with terrestrial fixed service operators in the Galveston and Mobile port areas. *See* Frequency Coordination and Interference Analysis Reports for Galveston 1, Galveston 2 and Mobile, attached hereto. Due to exigent circumstances cause by Hurricane Rita, however, the two Galveston vessels have been moved to a different location at the direction of FEMA. Should these vessels eventually be docked at a location other than Galveston, MTN will promptly complete frequency coordination at the new location.

MTN's operations will conform to Section 25.221 of the FCC's rules, 47 C.F.R. § 25.221. *See* Demonstration of Compliance with Section 25.221 Criteria, attached hereto.

A technical and operational description follows:

FAA Notification: Not required

Points of Communications:

Intelsat IS-805, located at 304.5 degrees East.
AMC-1, located at 103 degrees West.

Duration: 30 days

Hub Earth Station:

Area of Operation: Miramar, Florida

Coordinates: 25.981833N

80.283194W

Antenna Manufacturer: Andrew Corp.

Antenna Model:	ES45MP-1
Antenna Size:	4.5 meter
Diameter (Minor/Major):	Circular
Height Above Ground:	3.6 meters
Height Above Sea Level:	5.66 meters
Building Height Above Ground Level:	N/A
Total Input Power at Antenna Flange:	266.11 Watts
Maximum Antenna Height Above Rooftop	N/A
Total EIRP For All Carriers:	70.85 dBW
Antenna Gain Transmit:	46.6 dBi at 6.175 GHz
Antenna Gain Receive:	43.8 dBi at 4.0 GHz
Transmit Frequency Bands:	5925-6425 MHz
Receive Frequency Bands:	3400-4200 MHz
Antenna Polarization:	Linear and Circular
Emission Designator:	7M00G7W
Max. EIRP for Carrier:	70.85 dBW
Max. EIRP Density per Carrier:	38.54 dBw/4kHz
Modulation and Services:	QPSK; IBS; video, voice and data

ESV Remote Earth Stations:

Areas of Operation/Coordinates:

Location 1:	Galveston, Texas:	29.3092N 94.7958W
Location 2:	Galveston, Texas	29.3084N 94.8019W
Location 3:	Mobile, Alabama	30.6864N 88.0372W

Each of the three requested ESVs will utilize a 1.544 MB TDMA uplink.

Antenna Manufacturer:	Sea Tel, Inc.
Antenna Model:	9797-11
Antenna Size:	2.4 meter
Diameter (Minor/Major):	Circular
Height Above Ground:	N/A
Height Above Sea Level:	30 meters
Building Height Above Ground Level:	N/A
Total Input Power at Antenna Flange:	33.58 Watts
Maximum Antenna Height Above Rooftop	N/A
Total EIRP For All Carriers:	56.96 dBw
Antenna Gain Transmit:	41.70 dBi at 6.18 GHz
Antenna Gain Receive:	38.5 dBi at 3.95 GHz
Transmit Frequency Bands:	5925-6425 MHz
Receive Frequency Bands:	3700-4200 MHz

Antenna Polarization:	Linear and Circular
Emission Designator:	1M40G7W
Max. EIRP for Carrier:	56.96 dBW
Max. EIRP Density per Carrier:	31.55 dBW/4kHz
Modulation and Services:	QPSK; IBS; video, voice and data