Exhibit A

Mobile Satellite Ventures Subsidiary LLC ("MSV") currently holds Special Temporary Authority to perform the testing and demonstration of the mobile terminals (MTs) requested herein. *See* Call Sign WB9XQG (File No. 0150-EX-ST-2002). This STA request was filed electronically in March 2002. The technical parameters for the STA extension requested herein are identical to those already approved in this STA request. MSV is attaching here a copy of the STA grant and the STA application.

Lon C. Levin, 10802 Parkridge Boulevard, Reston, VA 20191

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WB9XQG
(Nature of Service)	(Call Sign)
XD MO	0150-EX-ST-2002
(Class of Station)	(File Number)

NAME Mobile Satellite Ventures Subsidiary LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:
Test and demonstration of new types of mobile terminals that have not yet been authorized.

Station Locations

(1) MOBILE: Los Angeles, CA area, within 804 km, centered around NL 33-49-43; WL 118-09-09
(2) MOBILE: Seattle, WA area, within 804 km, centered around NL 47-30-15; WL 122-17-30
(3) MOBILE: Washington, DC area, within 325 km, centered around NL 39-07-03; WL 78-48-36
(4) MOBILE: US territorial waters in the Gulf of Mexico (within 12-mi limit off the coasts of Texas, Louisiana, Mississippi, Alabama, and Florida)

Frequency Information

MOBILE: Los Angeles, CA area, within 804 km, centered around NL 33-49-43; WL 118-09-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	MO	193KG1D	1160 W (ERP)	
1626.5-1660.5 MHz	MO	600HG1D	60 W (ERP)	
1626.5-1660.5 MHz	MO	5K25G1D	60 W (ERP)	

This authorization effective May 15, 2002 and
will expire 3:00 A.M. EST November 15, 2002

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: Seattle, WA area, within 804 km, centered around NL 47-30-15; WL 122-17-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	MO	600HG1D	60 W (ERP)	
1626.5-1660.5 MHz	MO	5K25G1D	60 W (ERP)	
1626.5-1660.5 MHz	MO	193KG1D	1160 W (ERP)	

MOBILE: Washington, DC area, within 325 km, centered around NL 39-07-03; WL 78-48-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1646.5 MHz	MO	386KG1D	1220 W (ERP)	
1626.5-1646.5 MHz	MO	12K1G1D	15 W (ERP)	

MOBILE: US territorial waters in the Gulf of Mexico (within 12-mi limit off the coasts of Texas, Louisiana, Mississippi, Alabama, and Florida)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1646.5 MHz	MO	386KG1D	1220 W (ERP)	

Special Conditions:

(1) POINT OF COMMUNICATIONS: MSAT-2 Satellite.

You will be presented with the FCC FORM 159, Fee Remittance Advice after submitting your application and obtaining a confirmation number.

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY
This request for Special Temporary Authority (STA) is for a Existing STA

1. Name of Applicant (Company): *

Mobile Satellite Ventures Subsidiary LLC

2. Mailing Address:

Attention: *

Lon C. Levin

Street Address:

10802 Parkridge Boulevard

P.O. Box:

City: * Reston

State: * VA

Zip Code: * 20191

Country (if not USA):

E-Mail Address:

lon.levin@motient.com

3. Give the following information of person who can best handle inquiries pertaining to this application:

*** Last Name:**

Konczal

*** First Name:**

David

*** Title:**

Mr.

*** Phone Number (include area code):**

(202) 454-7032

E-Mail Address:

david.konczal@shawpittman.com

4. Please explain in the area below why an STA is necessary: *

Mobile Satellite Ventures Subsidiary LLC ('MSV') holds a license to operate a U.S. mobile satellite service ("MSS") system in the L-band. MSV requests temporary authority to test and demonstrate new types of MTs that will operate with its licensed satellite, MSAT-2. While MSV

5. Please explain the purpose of operation: *

Test and demonstration of new types of mobile terminals that have not yet been authorized.

6. Call Sign: Class of Station: Nature of Service:

WB9XQG MO EXPERIMENTAL

7. Location of proposed operation:

Operation Start Date: * Operation End Date: *

05/15/2002 11/15/2002

8. List below transmitting equipment to be installed (if experimental, so state) if additional rows are required, please submit equipment list as an exhibit :

MANUFACTURER	MODEL NUMBER	NO. OF UNITS	EXPERIMENTAL?
			○ Yes ○ No
			○ Yes ○ No
			○ Yes ○ No
			○ Yes ○ No
			○ Yes ○ No

9. Certification:

- **Neither the applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance.**
- **The applicant hereby waives any claim to the use of any particular frequency or electromagnetic spectrum as against the regulatory power of the United States because of the prvious use of the same, whether by license or otherwise, and requests authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)**
- **The applicant acknowledges that all statements made in this application and attached exhibits are considered material representations, and that all the exhibits part hereof and are incorporated herein as if set out in full in this application; undersigned certifies that all statements in this application are**

true, complete and correct to the best of his/her knowledge and belief and are made in good faith.

- **Applicant certifies that construction of the station would NOT be an action which is likely to have a significant environmental effect. See the Commission's Rules, 47 CFR1.1301-1.1319.**

Signature of Applicant (Authorized person filing form)* Lon C. Levin

Date Mar 28 2002 5:35PM

Title of Applicant (if any) Vice President and Regulatory Counsel

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

The following is a List of antennas associated with this license. To view this antenna and its frequencies, please select the row by selecting the "View Antenna Detail" button.

View Antenna Detail	Antenna type	City	State	Latitude Direction	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Direction	Longitude Degrees	Longitude Minutes	Longitude Seconds	Area of Operation
Go!	Mobile	N/A	XX	North	N/A	N/A	N/A	West	N/A	N/A	N/A	US territorial waters in the Gulf of Mexico (within 12-mi limit off the coasts of Texas, Louisiana, Mississippi, Alabama, and Florida)
Go!	Mobile	Seattle	WA	North	47	30	15	West	122	17	30	Seattle, WA area
												Washington,

Go!	Mobile	Washington	DC	North	39	7	3	West	78	48	36	DC area
Go!	Mobile	Los Angeles	CA	North	33	49	43	West	118	9	9	Los Angeles, CA area

Re: US Territorial Waters in Gulf of Mexico

Federal Communications Commission

FEDERAL COMMUNICATIONS COMMISSION
ANTENNA REGISTRATION FORM FOR FILE NUMBER: 0150-EX-ST-2002

1. * The purpose of this application is to:
- ○ Edit data pertaining to this antenna
- ○ Delete this antenna from the application/license

2a. * Proposed location of transmitter and transmitting antenna:
○ FIXED/BASE ◉ MOBILE ○ BASE AND MOBILE

2b. If permanently located at a FIXED location, give below:

State: | County: | City or Town:

Number and street (or other indication of location):

2c. If mobile, describe the exact area of operation:
US territorial waters in the Gulf of Mexico (within 12-mi limit off the coasts of Texas,

2d. *If fixed, enter the geographical coordinates exact to the nearest second. If mobile or base and mobile, enter either the area of operation or the fixed/center coordinates and the radius of operation.

North Latitude(DD-MM-SS):	West Longitude(DDD-MM-SS):	Radius of Operation: Km
o ' "	o ' "	

3. * Datum:
◉ NAD 27 ○ NAD 83

4. *Is a directional antenna (other than radar) used? If "YES", give the following information: ◉ Yes ○ No
(a) Width of beam in degrees at the half-power point: 11
(b) Orientation in horizontal plane: 213
(c) Orientation in vertical plane: 39

5. * Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? If "YES", give the following: ○ Yes ◉ No

(a) Overall height above ground to tip of antenna is _____ meters.

(b) Elevation of ground at antenna site above mean sea level is _____ meters.

(c) Distance to nearest aircraft landing area is _____ kilometers.

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.

(e) Submit as an exhibit a vertical profile sketch of total structure including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lighting already available. Submit this sketch under the "Antenna Drawing" exhibit type.

Click here to view frequencies for this antenna

FEDERAL COMMUNICATIONS COMMISSION ANTENNA FREQUENCY REGISTRATION FORM
ANTENNA LOCATION: Mobile US territorial waters in the Gulf of Mex
COORDINATES : N latitude W longitude

Particulars of Operation

Action	Lower/Upper Frequency			Power		ERP		Mean/ Peak	Tolerance	Station Class	View Emissio
Add	1626.5	1646.5	MHz	16	Watts	1220	Watts	Mean		Mobile	Emissio
											Emissio
											Emissio
											Emissio
											Emissio
											Emissio

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1646.5 MHz
Station Class: MO

Action	Emission			Modulating Signal	Necessary Bandwidth	
Add	G	1	D	322K-baud	386	kHz

FCC Home Page | Search | Commissioners | Bureaus/Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form

Re: Seattle, Washington

Federal Communications Commission

FEDERAL COMMUNICATIONS COMMISSION
ANTENNA REGISTRATION FORM FOR FILE NUMBER: 0150-EX-ST-2002

1. * The purpose of this application is to:

- ○ Edit data pertaining to this antenna
- ○ Delete this antenna from the application/license

2a. * Proposed location of transmitter and transmitting antenna:

○ FIXED/BASE ◉ MOBILE ○ BASE AND MOBILE

2b. If permanently located at a FIXED location, give below:

State:	County:	City or Town:
WASHINGTON		Seattle

Number and street (or other indication of location):

2c. If mobile, describe the exact area of operation:

Seattle, WA area

2d. *If fixed, enter the geographical coordinates exact to the nearest second. If mobile or base and mobile, enter either the area of operation or the fixed/center coordinates and the radius of operation.

North Latitude(DD-MM-SS):	West Longitude(DDD-MM-SS):	Radius of Operation: Km
47 o 30 ' 15 "	122 o 17 ' 30 "	804

3. * Datum:

◉ NAD 27 ○ NAD 83

4. *Is a directional antenna (other than radar) used? If "YES", give the following information: ◉ Yes ○ No

(a) Width of beam in degrees at the half-power point:	80
(b) Orientation in horizontal plane:	152
(c) Orientation in vertical plane:	32

5. * Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? If "YES", give the following: ○ Yes ◉ No

(a) Overall height above ground to tip of antenna is _____ **meters.**

(b) Elevation of ground at antenna site above mean sea level is _____ **meters.**

(c) Distance to nearest aircraft landing area is _____ **kilometers.**

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.

(e) Submit as an exhibit a vertical profile sketch of total structure including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lighting already available. Submit this sketch under the "Antenna Drawing" exhibit type.

Click here to view frequencies for this antenna

FEDERAL COMMUNICATIONS COMMISSION ANTENNA FREQUENCY REGISTRATION FORM
ANTENNA LOCATION: Mobile Seattle, WA area
COORDINATES : 47 30 15 N latitude 122 17 30 W longitude

Particulars of Operation

Action	Lower/Upper Frequency			Power		ERP		Mean/ Peak	Tolerance	Station Class	View Emissior
Add	1626.5	1660.5	MHz	25	Watts	60	Watts	Mean		Mobile	Emissior
Add	1626.5	1660.5	MHz	60	Watts	1160	Watts	Mean		Mobile	Emissior
											Emissior
											Emissior
											Emissior
											Emissior
											Emissior

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1660.5 MHz
Station Class: MO

Action	Emission	Modulating Signal	Necessary Bandwidth
Add	G 1 D	600-baud	600 Hz
Add	G 1 D	5250-baud	5.25 kHz

FCC Home Page | Search | Commissioners | Bureaus/Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1660.5 MHz
Station Class: MO

Action	Emission	Modulating Signal	Necessary Bandwidth
Add	G 1 D	161K-baud	193 kHz

FCC Home Page | Search | Commissioners | Bureaus/Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form

Re: Washington, DC

Federal Communications Commission

FEDERAL COMMUNICATIONS COMMISSION
ANTENNA REGISTRATION FORM FOR FILE NUMBER: 0150-EX-ST-2002

1. * **The purpose of this application is to:**

- ○ Edit data pertaining to this antenna
- ○ Delete this antenna from the application/license

2a. * **Proposed location of transmitter and transmitting antenna:**

○ FIXED/BASE ◉ MOBILE ○ BASE AND MOBILE

2b. If permanently located at a FIXED location, give below:

State:	County:	City or Town:
DIST OF COLUMBIA		Washington

Number and street (or other indication of location):

2c. If mobile, describe the exact area of operation:

Washington, DC area

2d. ***If fixed, enter the geographical coordinates exact to the nearest second. If mobile or base and mobile, enter either the area of operation or the fixed/center coordinates and the radius of operation.**

North Latitude(DD-MM-SS):	West Longitude(DDD-MM-SS):	Radius of Operation: Km
39 o 7 ' 3 "	78 o 48 ' 36 "	325

3. * **Datum:**

◉ NAD 27 ○ NAD 83

4. ***Is a directional antenna (other than radar) used? If "YES", give the following information:** ◉ Yes ○ No

(a) Width of beam in degrees at the half-power point:	45
(b) Orientation in horizontal plane:	213
(c) Orientation in vertical plane:	39

5. * **Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? If "YES", give the following:** ○ Yes ◉ No

(a) Overall height above ground to tip of antenna is _____ **meters.**

(b) Elevation of ground at antenna site above mean sea level is _____ **meters.**

(c) Distance to nearest aircraft landing area is _____ **kilometers.**

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.

(e) Submit as an exhibit a vertical profile sketch of total structure including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lighting already available. Submit this sketch under the "Antenna Drawing" exhibit type.

Click here to view frequencies for this antenna

FEDERAL COMMUNICATIONS COMMISSION ANTENNA FREQUENCY REGISTRATION FORM
ANTENNA LOCATION: Mobile Washington, DC area
COORDINATES : 39 7 3 N latitude 78 48 36 W longitude

Particulars of Operation

Action	Lower/Upper Frequency			Power		ERP		Mean/ Peak	Tolerance	Station Class	View Emissio
Add	1626.5	1646.5	MHz	16	Watts	1220	Watts	Mean		Mobile	Emissio
Add	1626.5	1646.5	MHz	3	Watts	15	Watts	Mean		Mobile	Emissio
											Emissio
											Emissio
											Emissio
											Emissio
											Emissio

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1646.5 MHz
Station Class: MO

Action	Emission	Modulating Signal	Necessary Bandwidth
Add	G 1 D	322K-baud	386 kHz

FCC Home Page | Search | Commissioners | Bureaus/Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1646.5 MHz
Station Class: MO

Action	Emission	Modulating Signal	Necessary Bandwidth
Add	G 1 D	10.1K-baud	12.1 kHz

FCC Home Page | Search | Commissioners | Bureaus Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form

Re: Los Angeles, CA

Federal Communications Commission

FEDERAL COMMUNICATIONS COMMISSION
ANTENNA REGISTRATION FORM FOR FILE NUMBER: 0150-EX-ST-2002

1. * The purpose of this application is to:

- ○ Edit data pertaining to this antenna
- ○ Delete this antenna from the application/license

2a. * Proposed location of transmitter and transmitting antenna:

○ FIXED/BASE ◉ MOBILE ○ BASE AND MOBILE

2b. If permanently located at a FIXED location, give below:

State:	County:	City or Town:
CALIFORNIA		Los Angeles

Number and street (or other indication of location):

2c. If mobile, describe the exact area of operation:

Los Angeles, CA area

2d. *If fixed, enter the geographical coordinates exact to the nearest second. If mobile or base and mobile, enter either the area of operation or the fixed/center coordinates and the radius of operation.

North Latitude(DD-MM-SS):	West Longitude(DDD-MM-SS):	Radius of Operation: Km
33 o 49 ' 43 "	118 o 9 ' 9 "	804

3. * Datum:

◉ NAD 27 ○ NAD 83

4. *Is a directional antenna (other than radar) used? If "YES", give the following information: ◉ Yes ○ No

(a) Width of beam in degrees at the half-power point:	80
(b) Orientation in horizontal plane:	151
(c) Orientation in vertical plane:	47

5. * Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? If "YES", give the following: ○ Yes ◉ No

(a) Overall height above ground to tip of antenna is [ ] **meters.**

(b) Elevation of ground at antenna site above mean sea level is [ ] **meters.**

(c) Distance to nearest aircraft landing area is [ ] **kilometers.**

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.

(e) Submit as an exhibit a vertical profile sketch of total structure including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lighting already available. Submit this sketch under the "Antenna Drawing" exhibit type.

Click here to view frequencies for this antenna

FEDERAL COMMUNICATIONS COMMISSION ANTENNA FREQUENCY REGISTRATION FORM
ANTENNA LOCATION: Mobile Los Angeles, CA area
COORDINATES : 33 49 43 N latitude 118 9 9 W longitude

Particulars of Operation

Action	Lower/Upper Frequency			Power		ERP		Mean/ Peak	Tolerance	Station Class	View Emissio
Add	1626.5	1660.5	MHz	60	Watts	1160	Watts	Mean		Mobile	Emissio
Add	1626.5	1660.5	MHz	25	Watts	60	Watts	Mean		Mobile	Emissio
											Emissio
											Emissio
											Emissio
											Emissio
											Emissio

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1660.5 MHz
Station Class: MO

Action	Emission			Modulating Signal	Necessary Bandwidth	
Add	G	1	D	161K-baud	193	kHz

FCC Home Page | Search | Commissioners | Bureaus Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form

Federal Communications Commission

Please Enter all Emission Data Associated With This Frequency:
Lower Frequency: 1626.5 MHz Upper Frequency: 1660.5 MHz
Station Class: MO

Action	Emission	Modulating Signal	Necessary Bandwidth
Add	G 1 D	600-baud	600 Hz
Add	G 1 D	5250-baud	5.25 kHz

FCC Home Page | Search | Commissioners | Bureaus Offices | Finding Info

Mail your comments or suggestions (To: ELB@fcc.gov)
FCC - Federal Communications Commission - FCC_Frequency_Registration_Form