

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

KS2XAS
(Call Sign)

XD MO
(Class of station)

S-3402-EX-98
(File number)

NAME SKYSITE COMMUNICATIONS CORPORATION

in Gulf of Mexico, 64 km and 483 km due south of Stennis, MS
(Locations of station)

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

Frequency (MHz)	Authorized Power (watts)	Emission Designator
1631.5 - 1660.5	27.3 (ERP)	5K00G9W

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (3) Point of Communication: MSAT-1 Satellite (at 106.5 WL).

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 by the Government of the United States conferred by Section 706 of the Communications Act of 1934.

This authorization effective June 19, 1998 and
will expire 3:00 A.M. EST. December 19, 1998



**SKYSITE COMMUNICATIONS CORPORATION
11500 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605**

June 8, 1998

Paul Marrangoni, Chief
Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission
2000 M Street, Suite 230
Washington, D.C. 20554

Re: Skysite Communications Corporation
Experimental Radio Service Application and
Request for Special Temporary Authority
File Nos. S3402EXP98 and 6156EXPL98

Amendment To Application

Dear Mr. Marrangoni:

Pursuant to the Commission's Request, Skysite Communications Corporation ("Applicant") hereby submits this amendment to its above-referenced application for experimental authorization. In support its application, Applicant provides the following additional information:

I. Additional Information Regarding the Particulars of Operation

A. Power

(a) Circuit Switched Services - Transmitter Power and EIRP

For the circuit switched services, each buoy may be outfitted with one or more of the following antennas:.

Antenna ID	Antenna	Antenna Gain	Max. Power into Antenna	Max. EIRP	Max. EIRP/4 kHz
A1	WEC Mast	7.7	4.6 W	12.5	12.5 dBW/4 kHz
A2	WEC Contour Dome	11.7	3.0 W	16.5	16.5 dBW/4 kHz
A3	WEC Fixed Site (0.76 m)	19.9	0.5 W	16.5	16.5 dBW/4 kHz
A4	WEC Fixed Site (0.92 m)	21.8	0.3 W	16.5	16.5 dBW/4 kHz
A5	WEC Maritime Contour Dome	11.7	3.0 W	16.5	16.5 dBW/4 kHz
A6	WEC Multichannel Fixed Site	24.2	0.2 W	16.5	16.5 dBW/4 kHz
A7	KVH Single Channel Maritime	14.8	1.5 W	16.5	16.5 dBW/4 kHz
A8	MELCO Dome	9.0	4.0 W	16.5	16.5 dBW/4 kHz
A9	MELCO Fixed Site	17.0	0.9 W	16.5	16.5 dBW/4 kHz
A10	MELCO Briefcase	14.1	1.7 W	16.5	16.5 dBW/4 kHz
A11	MELCO Omniquest	11.0	3.5 W	16.5	16.5 dBW/4 kHz
A12	Calquest	12.3	2.6 W	16.5	16.5 dBW/4 kHz
A13	MELCO Transportation Dome	12.0	2.8 W	16.5	16.5 dBW/4 kHz

Maximum Carrier EIRP while off: -45 dBW

(b) Packet Switched Services - Transmitter Power and EIRP

For the packet switched services, each buoy may be outfitted with one or more of the following antennas:

Antenna ID	Antenna	Antenna Gain	Max. Power into Antenna	Max. EIRP	Max. EIRP/4 kHz
D1	WEC Contour Dome	11.7	3.0 W	16.5	16.5 dBW/4 kHz
D2	Narrowband Fixed Site	15.5	0.7 W	13.8	13.8 dBW/4 kHz
D3	Narrowband Mobile	12.0	2.5 W	16.0	16.0 dBW/4 kHz
D4	Eaton Mobile	12.1	2.5 W	16.1	16.1 dBW/4 kHz

Maximum Carrier EIRP while off: -45 dBW

B. Type of Emission

1. Modulation Scheme = DQPSK
2. Emission Designation = 5K00G9W

II. Location Information Relating to MSAT-1.

MSAT-1 is a geostationary satellite located at 106.5° W.L. It should be noted that MSAT-1 may be temporarily relocated to 101° W.L. *See* AMSC License Modification, File Nos. 29 SAT-ML-98 and 627-SSA-MP/1-98.

III. Verification

In order to verify the proposed arrangement with Applicant and the National Oceanic Atmospheric Administration (Telecommunications Service Authorization PO #NA-98-QAF-9819), the Commission should contact:

How Brown
National Data Buoy Center
Stennis Space Center, MS 39529
(228) 688-1706

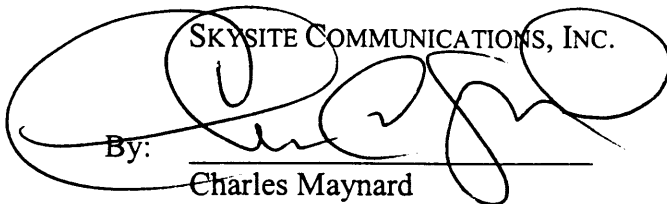
In addition, attached hereto is a Request For Quotation (RFQ) relating to what will be the initial phase of the experiment requested by the above-referenced application. If the testing in the initial phase is successful, Applicant anticipates additional testing throughout U.S. coastal waters over the next two years

IV. Scope of Service

Pursuant to Section 5.202(b) of the Commission's Rules, Applicant has requested an authorization in order to conduct an experiment at the behest of the United States Government. Applicant will be compensated for its experimental work. To the extent necessary, because Applicant will receive compensation for the experiment, in an abundance of caution, Applicant has also requested authority to conduct a market test under Section 5.202(j) of the Commission's Rules. However, Applicant will not offer or provide the services described in the above-referenced application to any person or entity other than agencies of the U.S. Government, *e.g.*, NOAA and the National Buoy Center, and potentially the Federal Aviation Administration.

If the Commission should require additional information regarding this amendment of the above-referenced application or the request for special temporary authority, please contact our communications counsel, Paul G. Madison, at Kelley Drye & Warren, 1200 19th Street, Suite 500, Washington, D.C. 20036, (202) 955-9779.

Respectfully submitted,

SKYSITE COMMUNICATIONS, INC.
By: 
Charles Maynard 8/June/98

Attachment