

Station License Letter Application
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Ms. Magalie R. Salas, Secretary
Federal Communications Commission
1919 M Street, NW, Room 222
Washington, D.C. 20554

ATTN: Frank Wright,
Office of Engineering and Technology
Re: Request for Special Temporary Authority
for Radio Station License

Dear Ms. Salas:

The Lamont-Doherty Earth Observatory of Columbia University in the city of New York (LDEO) herein requests a grant of special temporary authority for a new mobile radio station license beginning September 1, 2001 and extending until December 31, 2003 to operate land-based INMARSAT ship earth station from temporary fixed locations in the United States. In support of this request, LDEO submits the following information:

1. Applicant's Name and Address:

Lamont-Doherty Earth Observatory of Columbia University
61 Route 9W
Palisades, NY 10964

2. Name and address of the person for inquiries regarding this request:

Dale Chayes
Instrument Lab
Lamont-Doherty Earth Observatory
61 Route 9W
Palisades, NY 10964
Telephone: +1-845-365-8434
Facsimile: +1-845-359-6940
Email: dale@ldeo.columbia.edu

3. Particulars of Operation:

Frequency:	Power	Modulating	Necessary bandwidth
1625.6 – 1646.5MHz	33dW	QPSK 16Kbps	20KHz

4. Geographical Location of the proposed operation:

Instrument Lab at LDEO, 41 00' 1 15.5" North, 073 54' 44.3" West
61 Route 9W
Palisades, Rockland County, New York, USA

5. Antenna Type: Directional X Non-Directional
Width of beam in degrees at the half-power point: 8
Orientation: Horizontal plane Vertical plane
Pointed at AOR-E (15.5 W, 0 N) and AOR-W (16.5 W, 0 N)

6. Transmitting equipment to be installed:

Manufacturer	Type
Nera	Saturn Bm

LDEO, a U.S. not for profit corporation, organized under the laws of the state of New York affirmatively states that it does not in any manner act as a representative of a foreign government or a subdivision thereof nor would the authorization sought herein be used for the exclusive purpose of developing radio equipment for export that would come under the jurisdiction of the foreign government. The applicant has never had any FCC station license revoked or any application for permit, license, or renewal ever denied by the Commission.

LDEO further states that grant of this request would not have a significant environmental impact and this does not require an Environmental Statement under Section 1.1307 of the Commission's Rules. Unless otherwise indicated in an attachment to this request, the authorization sought herein will not be sought for fulfilling the requirements of a government contract with an agency of the United States Government.

In addition, LDEO, further certifies that neither the applicant, nor any other party to this application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C & 853a.

This temporary license is sought by LDEO, a not-for profit business, to operate one INMARSAT B terminal from temporary-fixed location in the United States to provide test and training services. Simultaneous to this request, COMSAT has submitted to the Common Carrier Bureau a request for special temporary authority to provide satellite communications services to the subject terminal via the INMARSAT system for the purposes stated herein.

Accordingly, LDEO respectfully submits that the public interest would be served by the operation of the subject terminal for the aforementioned purposes and thus, request that the Commission grant the instant request for temporary authority.

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Respectfully submitted,

Dale Chayes
Senior Staff Associate
+1-845-365-8434