

REQUEST FOR SPACE SEGMENT TO BE USED WITH LAND-BASED SES TERMINALS

The Federal Communications Commission (FCC) requires COMSAT Mobile Communications to obtain authorization for providing space segment to be used in providing services via land-based ship earth station terminals. The FCC will authorize COMSAT to provide space segment for such services only under certain conditions. The FCC will approve temporary limited use of such stations only where no other means of communications are available such as in the case of emergency situations resulting from disasters or where these terminals are the only adequate means of meeting urgent communications requirements in remote locations. In order to enable us to obtain FCC authorization, the following information is required.

Applicant: Comsat Mobile Communications

Brief description of applicant's business: Satellite service provider.

Ultimate user of terminal: Comsat personnel

Who will operate the terminal?: Comsat personnel

Where will the terminal be operated? Comsat HQ

Explain the services for which the terminal will be used and why no other means of communications are available:

Test applications & train employees,
Customers

ATTACHMENT A

Location of operations.

Each of the 13 earth station terminals covered by this application will be located at COMSAT's headquarters building in Bethesda, Maryland. However, COMSAT also seeks authority to operate the two mini-M terminals on a mobile basis throughout the U.S. COMSAT anticipates that these two mobile terminals will spend most of their time based at its headquarters building.

ATTACHMENT B

Statement describing purpose of operations.

COMSAT requests this radio station license to permit use of various types of Inmarsat mobile earth stations, totaling 13 terminals, through the Inmarsat constellation of satellites.

COMSAT is a satellite carrier and the U.S. Signatory to Inmarsat. In that capacity, COMSAT will utilize these terminals in its test and demonstration pool, for test and demonstration, training, trouble-shooting and quality monitoring, and similar purposes.

COMSAT has operated 11 of these 13 terminals under prior Commission grant of experimental special temporary authority. For those 11 units, this radio station application seeks license authority to continue operation. Two units, both mini-M terminals, will be new additions to COMSAT's test and demonstration pool.

ATTACHMENT C

Terminals covered by this application

	<u>Manufacturer</u>	<u>Type</u>	<u>Number</u>	<u>Standard</u>
1.	Magnavox	MX2400	1	A
2.	Nera	Saturn B	1	B
3.	Japan Radio Co.	JUE-345B	1	B
4.	Scientific Atlanta	Maristar	1	M
5.	Trimble Navigation	TNL7002	2	C
6.	Thrane & Thrane	TT3022A	2	C
7.	Thrane & Thrane	TT3020C	1	C
8.	Thrane & Thrane	TT3022D	1	C
9.	Trimble Navigation	Galaxy Sentinel	1	C
10.	Thrane & Thrane	TT3062B	1	Mini-M
11.	Thrane & Thrane	TT3064A	1	Mini-M