

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

WA2XPL
(Call Sign)

XD MO
(Class of station)

S-3151-EX-97
(File number)

NAME GTE Government Systems

Nationwide
(Location of station)

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

Frequency (MHz)	Authorized Power (watts)	Emission Designator
1626.5 - 1646.5	2000 (EIRP)	20K0G1W

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: INMARSAT Satellite.
- (4) Equipment: One (1) Scientific Atlanta Maristar-M-9821 INMARSAT-M terminal.

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 January 5, 1998 and will expire 3:00 A.M. EST. July 5, 1998



TERMINAL S-3151-EX-97

[STA LICENSE LETTER APPLICATION]

DEC 8, 1996

Mr. William F. Caton, Acting Secretary
Federal Communications Commission
1919 M Street, N.W., 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 Mr. Caton:

GTE GOVERNMENT SYSTEMS (Name of the applicant) herein requests a grant of special temporary authority for a new mobile radio station license beginning 12-15-97 and extending until 12-15-2002 to operate 1 (number of units) land-based INMARSAT ship earth station(s) from temporary-fixed locations in the United States. In support of this request, GTE GOVERNMENT SYSTEMS (Name of the applicant) submits the following information:

1. Applicant's Name and Address:
GTE GOVERNMENT SYSTEMS - RICHARD F. CROLE
100 FERGUSON DR.
MT. VIEW, CA. 94043
2. Name and Address of the Person for inquiries regarding this request: SAME AS ITEM #1
3. Particulars of Operation:

Frequency	Power	Modulating Signal	Necessary Bandwidth
1626.5 MHz	33 DBW	OQPSK &ND BPSK	20 MHz
to 1646.5 MHz			

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4. Geographical location of the proposed operation:
MT. VIEW, CA.

5. Antenna Type: Directional Non-Directional
Width of beam in degrees at the half-power point: 15°
Orientation: Horizontal plane Vertical plane

AUTOMATIC

6. Transmitting equipment to be installed:
Manufacturer SCIENTIFIC ATLANTA Type INMARSAT-M Number MARISTAR-M-9821

GTE GOVERNMENT SYSTEMS, (Name of the applicant) a U.S. corporation organized under the laws of the state of CA., 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 a 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.

GTE GOVERNMENT SYSTEMS (Name of the applicant) further states that grant of this request would not have a significant environmental impact and, thus, 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, GTE GOVERNMENT SYSTEMS (Name of the applicant) 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 GTE GOVERNMENT SYSTEMS (Name of the applicant), a COMMUNICATIONS (type of business), to operate 1 (number of units) INMARSAT-M (terminal type) terminal(s) from temporary-fixed locations in the United States to provide VOICE/FAX/DATA (type of service) 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(s) via

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the INMARSAT system for the purposes stated herein.

Accordingly, GTE GOVERNMENT SYSTEMS (Name of the applicant) respectfully submits that the public interest would be served by the operation of the subject terminal for the aforementioned purposes and, thus, requests that the Commission grant the instant request for temporary authority.

The requisite filing fee of \$45 is enclosed.

Respectfully submitted



STAFF ENGINEER

(Title)

(Telephone number) 650-966-3459

cc: Sylvia Lam
Carl Huie

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

The Federal Communications Commission (FCC) requires Comsat World Systems Division 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: GTE GOVERNMENT SYSTEMS

Brief description of applicant's business: GTE GOVERNMENT SYSTEMS IS A LEADING SUPPLIER OF MILITARY COMMUNICATIONS EQUIPMENT TO ARMS OF THE U.S., DEPARTMENT OF DEFENSE

Ultimate user of terminal: GTE GOVERNMENT SYSTEMS

Who will operate the terminal?: AUTHORIZED GTE GOVERNMENT EMPLOYEES.

Where will the terminal be operated? GTE GOVERNMENT SYSTEMS IN MOUNTAIN VIEW, CA. AND OTHER GTE FACILITIES ACROSS THE UNITED STATES

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

THE PURCHASED UNIT WILL BE USED IN SUPPORT OF VARIOUS U.S. GOVERNMENT CONTRACTS AND GTE R & D. THE UNIT WILL BE USED TO TEST, EVALUATE, AND DEMONSTRATE CERTAIN MOBILE COMMUNICATION CONCEPTS. THE UNIT WOULD BE EVALUATED AS A MEANS OF BACKUP COMMUNICATIONS FOR EMERGENCY USE.

What is the required timeframe for use of the terminal for this service? MINIMUM 5 YEARS

Have you obtained authorization from the FCC (commercial applicants) or NTIA (USG applicants) for ground segment use of the terminal? Please provide authorization date or date the authorization request was submitted. SUBMITTED

**NOTE) - Customers are to be informed that they are responsible for filing with the FCC' Office of Engineering Technology an experimental license form (Form 442) which is the procedure the FCC follows for these TAs. This applies to all Land-Based terminals for domestic (U.S.) only.