

0305-EX-ST-1999

STA LICENSE LETTER APPLICATION

____/____/____

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:

Matsushita Avionics Systems (Name of the applicant) herein requests a grant of special temporary authority for a new mobile radio station license beginning September 22, 1999 and extending until December 22, 1999 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, Matsushita Avionics Systems (Name of the applicant) submits the following information:

1. Applicant's Name and Address:
James Haak
Matsushita Avionics Systems
15253 Bake Parkway
Irvine, CA 92618
2. Name and Address of the person for inquiries regarding this request:
same as above
3. Particulars of Operation:

	Frequency	Power	Modulating	Necessary Bandwidth
Receive	1530-1559 MHz			29 MHz
Transmit	1626-1660 MHz	25.5 dBW EIRP	AQPSK + ABPSK	34 MHz

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4. Geographical location of the proposed operation:
15253 Bake Parkway LAT: 33° 38' 39"
Irvine, CA 92618 LONG: 117° 43' 25"
5. Antenna Type: Directional Racal Helix 12dB Non-Directional _____
 Width of the beam in degrees at the half- power point: 51°
 Orientation: Horizontal plane 106° Vertical plane 14° AOR-W
255° 13° POR
6. Transmitting equipment to be installed:
- | Manufacturer | Type | Number |
|------------------|------------|----------------------|
| <u>Honeywell</u> | <u>SDU</u> | <u>7516100-60060</u> |
| <u>Honeywell</u> | <u>RFU</u> | <u>7516240-60060</u> |
| <u>Honeywell</u> | <u>HPA</u> | <u>7516250-60060</u> |

Matsushita Avionics Systems, (Name of the applicant) a U.S corporation organized under the laws of the state of Delaware 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.

Matsushita Avionics Systems, (Name of the applicant) 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, Matsushita Avionics Systems, (Name of 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 Matsushita Avionics Systems (Name of applicant), a Avionics Equipment Supplier (type of business), to operate 1 (number of units) INMARSAT AES (terminal type) terminal (s) from temporary-fixed location in the United States to - provide Verification testing (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 the INMARSAT system for the purposes stated herein.

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Accordingly, Matsushita Avionics Sys (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, request that the commission grant the instant request for temporary authority.

The requisite filing fee of \$45 is enclosed.

Respectfully submitted

Jeano Noel Palmar

(Title) *Systems Engineer*

(Telephone number) 949 461-7566

cc: Sylvia Lam
Carl Huie

**REQUEST FOR SPACE SEGMENT CAPACITY
TO OPERATE INMARSAT TERMINALS
FROM LAND-BASED LOCATIONS IN THE UNITED STATES**

The Federal Communications Commission ("FCC") requires COMSAT Corporation ("COMSAT") to obtain authority prior to providing service to Inmarsat terminals operated from land-based (i.e., nonmaritime locations) within the United States. The FCC will only grant domestic service authority to COMSAT under certain circumstances. The FCC's determination is made on a case-by-case basis with regard to the specific facts of each request. For instance, the FCC has authorized COMSAT to provide space segment capacity in the United States where:

- (1) the capacity is required to test and demonstrate the communications capabilities of an Inmarsat terminal to prospective customers;
- (2) the performance of an Inmarsat terminal is to be tested prior to sending/taking it abroad;
- (3) personnel are to be trained in the use of Inmarsat terminal(s) prior to being deployed abroad;
- (4) an Inmarsat terminal is needed for emergency communications (either as backup communications or disaster relief); or
- (5) an Inmarsat terminal is required to provide services from a remote location where no alternative means of communications is available.

Therefore, the following information is necessary for COMSAT to prepare its request for authority from the FCC to provide domestic Inmarsat space segment capacity to your terminal(s) in a timely manner. **The more specific and detailed the information you provide us about the intended use(s) of the terminal, the more likely it will be that COMSAT will be able to obtain timely FCC authorization to provide the services you need!** Please feel free to attach additional pages if needed to answer questions fully.

1. Company's Name: Matsushita Avionics Systems
 2. Company's Business: Commercial Aircraft Avionics Equipment
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3. Who will operate the terminal? Engineering staff of Matsushita Avionics Systems
4. By what date do you need to operate the terminal in the U.S.? September 22, 1999
For how long? 3 months

Please indicate on page 3 your reasons for needing to use the terminal by the specified date.

5. Will the same terminal also be used in one or more foreign countries or globally?
Yes ___ No X.

IF YES, please state on page 3 the country or countries involved, and how frequently you intend to use the terminal outside of the U.S.

6. Will the terminal be used for test and/or demonstration purposes?
Yes X No ___.

IF YES, please indicate on page 3 where the test(s) or demonstration(s) will take place, their duration and whether (a) this is a test prior to sale, (b) this is a test after sale prior to use, (c) this is a demonstration to potential customers, (d) the terminal will be a part of a test or demo pool, or (e) other (please describe).

7. Will the terminal be used to train your employees, customers, or other users?
Yes ___ No X.

IF YES, please explain on page 3 the nature, purpose, and duration of the training (indicating in particular whether the terminal will be used outside the U.S. or if personnel being trained will be deployed outside the U.S.):

8. Will the terminal be used for emergency communications or in a remote location where no alternative means of communications exist? Yes ___ No X.

IF YES, please describe on page 3 the nature of the emergency communication (if applicable), state the location, describe the communications service desired, and explain the reason(s) why existing means of communications, in particular those of the U.S. domestic mobile satellite service licensee (AMSC), are not available or are inadequate to meet your communications requirements:

9. If the terminal is to be used for high speed data applications, please indicate the speed at which transmissions will be conducted:

10.5 Kbps (Data-3)

10. Does your use of the Inmarsat terminal relate to a U.S. Government contract?
Yes ____ No X.

IF YES, please briefly describe below how the terminal will be used in fulfilling the government contract: _____

11. If not otherwise provided above, state the purpose for which the terminal will be used in the United States: _____

12. You are required to obtain a separate FCC license before operating the terminal in the United States. Have you applied to the FCC for a license to operate the terminal?

Yes X No ____.

IF YES, give the date you filed the license application: September 2, 1999; or the grant date: _____. Please attach a copy of the terminal license application.

IF NO, please complete the enclosed FCC application form and return it with the other commissioning materials, or explain on page 3 why no additional FCC license is required.

Use the space below to provide any additional requested information:

6) Terminal is to be used for testing of
Matsushita Avionics Systems equipment in the
passenger cabin of commercial aircraft as
described by the attachment "Exhibit 1", 1 page.
