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Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320



TIMELY ACTION REQUIRED
LICENSE REQUIRED BY: March 24, 2000

Subject: Request for Special Temporary Authority (STA)

This request for an STA is submitted in accordance with the FCC Rules, Part 5.56.

1. Name and address:

US Sea Launch
P.O. Box 32889
Long Beach, CA 90832-2889

2. Need for special action: Sea Launch is required to obtain a license which permits Hughes Spacecraft to "free radiate" within our fully enclosed Payload Processing Facility, in Long Beach. The shielding effectiveness chart, from 1GHz-18GHz, for the Payload Processing Facility-Encapsulation Cell was provided in an application (File Number: 0203-EX-ST-1999) submitted for the Hughes-DirecTV spacecraft.

3. Type of operations: Hughes Spacecraft will transmit from spacecraft (PAS-9) antennas, demonstrating operation prior to encapsulation.

4. Purpose of operation: To test the satellite antenna system before encapsulation.

5. Time and date: The test will be conducted sometime during the period of March 24, 2000 through Sept. 21, 2000.

6. Class of station: MO
Nature of Service: XT

7. Location: The testing will be conducted inside our payload processing facility in Long Beach, CA.

8. Equipment

Manufacturer:	Model :	Number of units:
Hughes Spacecraft	PAS-9	1

9. Frequency(ies) desired: 11.7005/11.702 GHz for telemetry
14.4945 GHz for command

10. Power Output to Antenna: 4 Watts for the 11GHz frequencies
4 Watts for the 14GHz frequency

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11. **Emission:** 128KG9D for the GHz frequencies
630KF9D for the GHz frequencies

12. **Antenna Height:** 1m & 6m
Antenna Type: Pipe and Bicone
Gain: 5dB
Beamwidth: +/- 20deg(fullbeam)
Polarization: V



Should additional information be required, please contact Bill Gjertson at (425) 393-2557.



Alan D. Stewart
Director of Launch Services, BCSC
Sea Launch Project

Enclosures: FCC Form 159