U.S. Department
of Transportation
**Federal Aviation
Administration**

FEB 28 2007

Mr. Andy Leimer
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Dear Mr. Leimer:

In reference to the Thales Avionics Limited application for Federal Communications Commission certification of FCC ID: KV6-TFS-SDU-82155A. The Federal Aviation Administration has no objections to the certification of the Satellite Data Unit that transmits in the 1626.5 MHz to 1660.5 MHz, and receives in the 1525.0 to 1559.0 MHz frequency bands, subject to the applicant's equipment operating in accordance with the footnotes in the International Telecommunication Union Table of Frequency Allocations and the United States (U.S.) Government Table of Frequency Allocations.

Applicable International footnotes as follows:

1. 5.351 – The bands 1525-1544 MHz, 1545-1559 MHz, 1626.5-1645.5 MHz and 1646.5-1660.5 MHz shall not be used for feeder links of any service.

2. 5.356 – The use of the band 1544-1545 MHz by the mobile-satellite service (space-to-earth) is limited to distress and safety communications

3. 5.375 – The use of the band 1 645.5-1 646.5 MHz by the mobile-satellite service (Earth-to-space) and for inter-satellite links is limited to distress and safety communications.

Applicable U.S. footnotes as follows:

1. US308 – In the frequency bands 1549.5-1558.5 MHz and 1651-1660 MHz, the Aeronautical-Mobile-Satellite (R) requirements that cannot be accommodated in the 1545-1549.5 MHz, 1558.5-1559 MHz. 1646.5-1651 MHz and 1660-1660.5 MHz bands shall have priority access with real-time preemptive capability for communications in the mobile-satellite service. Systems not interoperable with the aeronautical mobile-satellite (R) service shall operate on a secondary basis. Account shall be taken of the priority of safety-related communications in the mobile-satellite service.

2. US315 – In the frequency bands 1530-1544 MHz and 1626.5-1645.5 MHz maritime mobile-satellite distress and safety communications, e.g. global maritime distress and safety system (GMDSS), shall have priority access with real-time preemptive capability in the mobile-satellite service. Communications of mobile-satellite system stations not

participating in the GMDSS shall operate on a secondary basis to distress and safety communications of stations operating in the GMDSS. Account shall be taken of the priority of safety-related communications in the mobile-satellite service.

If you require any additional information, please contact Mr. Dan O'Rear, Spectrum Planning and International Office, at (202) 267-7365.

Sincerely,

Oscar Alvarez
Acting Director, ATC Spectrum
Engineering Services

cc:
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