

# LATHAM & WATKINS<sup>LLP</sup>

555 Eleventh Street, N.W., Suite 1000  
Washington, D.C. 20004-1304  
Tel: +1.202.637.2200 Fax: +1.202.637.2201  
www.lw.com

## FIRM / AFFILIATE OFFICES

Abu Dhabi	Munich
Barcelona	New Jersey
Brussels	New York
Chicago	Orange County
Doha	Paris
Dubai	Rome
Frankfurt	San Diego
Hamburg	San Francisco
Hong Kong	Shanghai
London	Silicon Valley
Los Angeles	Singapore
Madrid	Tokyo
Milan	Washington, D.C.
Moscow	

November 11, 2009

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

**Re: Inmarsat Hawaii, Inc., Call Signs E080059 and KA25, Paumalu, Hawaii**

Dear Ms. Dortch:

On behalf of Inmarsat Hawaii, Inc. (“Inmarsat”), licensee of earth stations E080059 and KA25, Paumalu, Hawaii, we hereby submit the attached statement in satisfaction of License Condition 341 to the KA25 license (*see* FCC File No. SES-MOD-20090831-01096) and License Condition 337 to the E080059 license (*see* FCC File No. SES-MOD-20090831-01103).

Please contact the undersigned should you have any questions

Sincerely yours,

/s/ John P. Janka  
John P. Janka  
Jarrett S. Taubman

*Counsel for Inmarsat Hawaii, Inc.*

**Inmarsat Plan for Protecting Authorized Operators  
Using C-band Frequencies within +/- 6 Degrees of the  
Inmarsat-4F1 or Inmarsat-4F3 Spacecraft**

This report is submitted in response to the Commission's request for a comprehensive plan detailing how Inmarsat will protect other authorized operators using C-band frequencies within +/- 6 degrees of the Inmarsat-4F1 or Inmarsat-4F3 spacecraft, which are operated using Inmarsat's earth station facilities located at Paumalu, Hawaii.

Inmarsat has completed conventional C-band frequency coordination with all U.S. satellite networks operating under more senior ITU filings within +/- 6 degrees of Inmarsat-4F1 (143.5 degrees E.L.) and Inmarsat-4F3 (97.65 degrees W.L.).<sup>1</sup> In the frequency coordination agreements, certain limits were agreed to protect adjacent U.S. satellite networks. Inmarsat currently operates Inmarsat-4F1 and 4F3 frequency carriers within the following agreed conventional C-band limits:

<b><u>Earth Station Location:</u></b>	Paumalu, Hawaii, U.S.
<b><u>Earth Station Antenna Diameter:</u></b>	Two 16m antennas (Call Sign E080059) and One 19m antenna (Call Sign KA25)
<b><u>Uplink transmit power:</u></b>	9.5 dBW
<b><u>Downlink EIRP:</u></b>	10.5 dBW

Below is a list of U.S. satellite networks with which coordination is completed for each of the Inmarsat-4F1 and 4F3 spacecraft:

**Inmarsat-4F1 (143.5 degrees E.L.)**

<b>Orbital location (deg. E.L.)</b>	<b>Operator</b>
139	Loral
149	Intelsat
150	Unassigned / FCC
151.5	Unassigned / FCC

---

<sup>1</sup> Inmarsat-4F3 is notified at the ITU as INMARSAT-4 98W at 98 degrees W.L. All frequency coordination agreements with U.S. satellite networks have been taken into account for operations at 97.65 degrees W.L.

**Inmarsat-4F3 (97.65 degrees W.L.)**

<b>Orbital location (deg. E.L.)</b>	<b>Operator</b>
-103	SES Americom
-103	DirectTV
-103	Unassigned / FCC
-101	SES Americom
-101	DirectTV
-101	Unassigned / FCC
-99	Intelsat
-99	DirectTV
-99	Unassigned / FCC
-97	Intelsat
-97	Echostar
-97	Unassigned / FCC
-95	Intelsat
-95	Unassigned / FCC
-93.5	Unassigned / FCC
-93	Loral
-93	Intelsat
-93	Unassigned / FCC