



Federal Communications Commission  
Washington, D.C. 20554

August 7, 2015

Joseph A. Godles, Esq.  
Goldberg Godles Wiener & Wright  
1229 19th Street, NW  
Washington, DC 20006

Call Sign E960132  
File No. SES-MOD-20130416-00322

Call Sign E960622  
File No. SES-MOD-20130416-00323

Dear Mr. Godles:

On April 16, 2013, Iridium Carrier Services LLC (collectively "Iridium") filed the above captioned applications to modify its Mobile Earth Station (MES) authorizations in the 1618.725 to 1626.500 MHz band Mobile Satellite Service (MSS) to add transmit and receive Aeronautical Mobile Satellite (Route) Service (AMS(R)S).

We received your *ex parte* letter of August 3, 2015. In order to facilitate and expedite our review of the applications, and pursuant to Section 25.111(a) of the Commission's rules, 47 CFR § 25.111(a), we ask that Iridium amend each application by submitting a Schedule B, and respond to the following requests.

1. Please ensure that each Schedule B is fully completed, including: (1) Antenna ID or Antenna IDs for AMS(R)S terminals; (2) antenna operational parameters; (3) frequencies of operation; and (4) appropriate exhibits. The Schedule B exhibits should include: (1) a radiation hazard study; (2) the name and telephone number of the network control center for AMS(R)S earth stations; (3) 24/7 contact person(s) at the control center; (4) a picture of the antenna itself (not its cover and base plate); (5) measured antenna gain or EIRP patterns in both azimuth and elevation planes; and (6) the manufacturer's data sheets, if available. If the antenna is directional, please explain how the antenna acquires and tracks signals from satellites.
2. Please clarify how the operation of the proposed AMS(R)S subsystem will comply with the Commission's rules to protect radio navigation satellite service (RNSS) and adjacent channel operators as specified in 47 C.F.R. §§ 25.216(c), (f), (g), (i), and (j).
3. Please indicate whether the L-band transceivers that will be used by Iridium for AMS(R)S will be submitted for equipment certification at an appropriate regulatory body, such as the Commission or the Federal Aviation Administration.
4. Please confirm that only one transceiver, as shown in the diagram of page 3 of your August 3 *ex parte* letter, can be connected to an aircraft's low-gain antenna. If more than one can be connected, please include appropriate entries in your Schedule B submissions to reflect the composite EIRP.
5. Please confirm that only the cockpit voice and data inputs to the transceiver shown in the diagram on page 3 of your August 3 *ex parte* letter would be enabled for AMS(R)S communications.

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We request that Iridium respond to this letter by September 7, 2015. Failure to do so may result in the dismissal of the applications pursuant to Section 25.112(c) of the Commission's rules, 47 CFR § 25.112(c).

Sincerely,

A handwritten signature in blue ink that reads "Paul E. Blais". The signature is written in a cursive style with a large initial "P" and "B".

Paul E Blais  
Chief, Systems Analysis Branch  
Satellite Division  
International Bureau