

From: Steven Doiron

To: Doug Young

Date: February 17, 2005

Subject:

Request for Info - STA File # 0078-EX-ST-2005

---

Message:

Dear Mr Young

□The following is in response to your query in regards to the STA application 0078-EX-ST-2005. In your query, you had requested substantiation to support the request from Hughes Network Systems (HNS) for authority to deploy terminals anywhere in the continental United States.

In response to your query, the satellite which shall be used, AMC-16, has a total of twelve different spot beams in order to provide coverage over CONUS. These twelve beams allow for frequency re-use over the service area, as is described on page 5 of, "Application for Modification of SES Americom, Inc", which was filed by SES Americom in its application to modify the characteristics of AMC-16 (SAT-MOD-20040227-00022).

In order for HNS to fully demonstrate the performance of its network, a number of earth stations must be included in every uplink/downlink beam on the spacecraft. As the final location of the terminals has yet to be established, a complete list of terminal locations can not be provided at this time.

Regards

Steven Doiron

Director, Regulatory Affairs

HNS

+1 (301) 428-5506