



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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**Report No. SAT-01093**

**DA No. 15-755**  
**Friday June 26, 2015**

## Policy Branch Information Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

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**SAT-MOD-20141210-00127** E S2834 Hughes Network Systems, LLC  
Modification  
Grant of Authority

Effective Date: 06/23/2015

**Nature of Service:** Fixed Satellite Service

On June 23, 2015, the Satellite Division granted, with conditions, the request of Hughes Network Systems, LLC for modification of its U.S. market access for the Jupiter 97W space station. Hughes's market access was modified to include operations in the 27.85-28.35 GHz frequency band, to reflect a change in authorizing administration from the United Kingdom to Papua New Guinea, and otherwise to incorporate revised technical parameters of the Jupiter 97W satellite. Accordingly, Hughes was granted access to the U.S. market to provide Fixed-Satellite Service from the 97.1° W.L orbital location using the 18.3-18.8 GHz and 19.7-20.2 GHz frequency bands (space-to-Earth) and the 28.35-28.6 GHz and 29.25-30.0 GHz frequency bands (Earth-to-space) on a primary basis; the 27.85-28.35 GHz and 28.6-29.1 GHz frequency bands (Earth-to-space) on a secondary basis; and the 18.8-19.3 GHz frequency band (space-to-Earth) on a non-interference basis. Hughes will perform telemetry, tracking, and command operations using the following modified center frequencies: 19701 MHz and 19703 MHz (space-to-Earth) and 28351.5 MHz and 28353.5 MHz (Earth-to-space). In addition, Jupiter 97W will transmit a beacon signal on the center frequency 20199 MHz (space-to-Earth) and will receive transmissions for autotracking on the center frequency 29998.5 MHz (Earth-to-space).

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For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.