

RigNet Satcom, Inc.  
Call Sign E980235

NOTIFICATION CONCERNING COMPLETION OF C-BAND ESV COORDINATION:  
NEPTUNE, GULF OF MEXICO

January 14, 2016

RigNet Satcom, Inc. ("RigNet") hereby submits, pursuant to Section 25.221(a)(12) of the Commission's rules for Earth Stations on Vessels ("ESVs"), 47 C.F.R. 25221(a)(12), this notification of successfully completed frequency coordination for a remote terminal operating in the Gulf of Mexico under its C-band ESV license Call Sign E980235. As specified in the Commission's Public Notice DA 05-1671 Released June 15, 2005, the following information is provided so that this notification may be placed on Public Notice:

1. Name and contact information of the frequency coordinator:
  - a. Gary Edwards  
19700 Janelia Farm Boulevard, Ashburn, VA 20147  
Phone: (703) 726-5500  
Email: gedwards@comsearch.com
2. Reference identification, date, and duration (if relevant) of the coordination report:
  - a. Job Number: 151214COMSGE04  
Date: December 28, 2015
3. Frequency coordination method used:
  - a. Coordination Contours method.
4. Interference criteria used:
  - a. Receive (Long Term: -156.0 dBW/MHz 20% / Short Term: -146.0 dBW/MHz 0.01%)
  - b. Transmit (Long Term: -154.0 dBw/4 kHz 20% / Short Term: -131.0 dBw/4 kHz 0.0025%)
5. Speed of coordinated vessel, if relevant:
  - a. Not relevant (stationary rig).
6. Center frequencies, bandwidths, and total spectrum coordinated per satellite:
  - a. Rx: 3700.0-4200.0 MHz, less than 1 MHz, 500 MHz
  - b. Tx: 5925.0-6425.0 MHz, less than 1 MHz, 500 MHz

Total spectrum coordinated: conventional C-band, Permitted List arc  
(Note: current operations limited to less than 2 MHz in each direction of transmission on IS-23, Transponder WH6C)

7. Name of satellite(s) and transponder(s) being used:
  - a. Satellite: IS-23 @ 307.00°E  
Transponder: WH6C  
Transponder Frequency Range: 6094 – 6166 MHz (Tx) / 3869 – 3941 MHz (Rx)
8. Textual description and scaled map of the geographic area(s) coordinated:
  - a. Neptune rig in Gulf of Mexico (27°22'12.3" N, 89°55'26.5" W). *See* Area of Operations Exhibit.
9. 24/7 contact information for the ESV operator:
  - a. Alexei Vederko  
880 S. Dairy Ashford  
Suite 300  
Houston, TX 77077  
Phone: (832) 270-0764  
Email: [alexei.vederko@rig.net](mailto:alexei.vederko@rig.net)
10. Call sign of the hub station if independently license:
  - a. Not applicable.
11. Statement indicating that as of the date of this notification there are no unresolved coordination requests which would result in an exceedance of the maximum 180 megahertz of coordinated spectrum for all ESV operations in the coordination area in Section 25.202(a)(8):
  - a. The frequency coordinator advises that there are no unresolved coordination requests which would result in an exceedance of the maximum 180 megahertz of coordinated spectrum for all ESV operations in the coordination area in the 5925-6425 MHz band. Although the coordinator has confirmed that operations may be conducted throughout the C-band at the specified location, operations are currently limited to less the 2 MHz of spectrum in each direction of transmission on the specified satellite transponder. RigNet will provide a further notification to the Commission should circumstances warrant.

RigNet respectfully requests that this notification of successfully completed frequency coordination be placed on Public Notice. Any further questions with respect to this matter should be directed to Carlos Nalda at (571) 332-5626 or [cnalda@lmiadvisors.com](mailto:cnalda@lmiadvisors.com).