Astrium Services Government, Inc.

Request for Special Temporary Authority to Operate
Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas;
Intellian Model v240 2.4 Meter C-band Antennas;
Intellian Model v100 1.06 Meter Ku-band Antennas;
Intellian Model v130 1.25 Meter Ku-band Antennas;
Mitsubishi Model MVA60 0.60 Meter Ku-band Antennas; and
Mitsubishi Model MVA120 1.2 Meter Ku-band Antennas
To Provide Earth Station on Vessel (ESV) Service

Call Sign KA313

FILE NO. SES-MFS-20130504-00363

Astrium Services Government, Inc. (Astrium) requests a grant of Special Temporary Authority ("STA") to operate Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas; Intellian Model v240 2.4 Meter C-band Antennas; Intellian Model v100 1.06 Meter Ku-band Antennas; Intellian Model v130 1.25 Meter Ku-band Antennas; Mitsubishi Model MVA60 0.60 Meter Ku-band Antennas; and Mitsubishi Model MVA120 1.2 Meter Ku-band Antennas to provide ESV service pursuant to its call sign KA313 license ESV authorization. The STA is requested to allow Astrium to operate these ESV antennas while the Commission processes Astrium's pending application for permanent authority. The ESVs will be located on vessels traveling in U.S. and international waters and will operate through hub antennas already authorized by the Commission. As with the application for permanent authority, the STA is requested to operate the Sea Tel Model 9711QOR and the Intellian Model v240 antennas in the standard C-band to communicate via the SES-4 and NSS-9 satellites and the other antennas in the Ku-band to communicate via All Authorized U.S. Domestic Satellites on the Space Station Permitted List and provide ESV service in the same manner as previously authorized by the Commission for existing KA313 licensed ESV antennas.

Astrium's Showing of Compliance that the antennas comply with the Commission's Rules for ESVs is set forth in Exhibit 1 of the pending Application which is hereby incorporated by reference. As detailed therein and in the Application, the antennas fully comply with all Commission Regulations and no waivers are needed or requested for operation of the antennas.

Grant of this STA is in the public interest because it will enable Astrium to enhance the communications options that can be made available to maritime customers. This will benefit the public in general due to the wide range of vessels in the commercial maritime sector which benefit from ESV services. These include vessels involved in oil and gas exploration and production, oil transport tankers, offshore supply vessels, cruise ships, container ships, car carriers, research vessels, and cable laying vessels. Many of these vessels are often at sea for prolonged periods and have limited communications

with the outside world. In addition to enhancing the capabilities that ESV services provide for crucial emergency communications, additional ESV options facilitate access to the internet, telephone, and email by crew personnel while at sea thus providing a much needed lifeline that contributes to the crew members' health, well-being, and safety.

Over and above these general benefits to the public, enhancement of ESV communications options is specifically in the public interest because of the value it has for ESV customers involved in activities to alleviate United States dependence on foreign sources of energy. Vessels involved in offshore oil and gas exploration and production require continuous and reliable communications and ever increasing volumes of bandwidth to support operation, safety, environmental and regulatory requirements. ESV services are utilized extensively by seismic vessels exploring for new offshore sources of oil and gas. In addition to the value of ESV services for emergency communications and ship operations for these vessels, ESVs are utilized to transmit huge amounts of data back to the vessels' headquarters for evaluation and analysis. Logistics and service vessels which support offshore drilling and production platforms rely on ESV services to enhance emergency communications capabilities and for day to day vessel operations and crew welfare. Finally, ESV services are of extraordinary value in responding to production incidents. A prime example of this was the 2010 Gulf of Mexico oil spill. ESV services were heavily utilized by vessels that played various key roles in the evaluation, coordination and implementation of the response to that disaster. Enhancement of ESV capabilities that can be made available to vessels that may need to respond to other such incidents at any time is clearly in the public interest.

Accordingly, Astrium respectfully requests that the Bureau grant the STA for a period of sixty days for Astrium to operate the antennas to provide ESV service. Any questions with respect to this matter may be directed to James G. Lovelace at (301)838-7839.