

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554**

In the Matter of

Application of KVH Industries, Inc. for a 60-)
Day Special Temporary Authorization) Call Sign E090001
("STA") for Certain Earth Station Onboard)
Vessel ("ESV") Operations) File No. _____

APPLICATION FOR SPECIAL TEMPORARY AUTHORIZATION

KVH Industries, Inc. ("KVH"), pursuant to Section 25.120 of the Commission's Rules, 47 C.F.R. § 25.120, seeks a 60-day special temporary authorization ("STA") to operate its previously licensed Model V7 ("V7") earth station onboard vessel ("ESV") terminal using an additional emission with a power spectral density higher than those previously authorized. This emission is compliant with the Commission's two-degree spacing policies and Section 25.222 of the Rules governing Ku-band ESV operations.

Under its ESV blanket license, Call Sign E090001, KVH is authorized to operate the V7 terminal using various emission designators to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space), 10.95-11.2 GHz (space-to-Earth), 11.45-11.7 GHz (space-to-Earth) and 11.7-12.2 GHz (space-to-Earth) bands. The additional emission will improve KVH's operational flexibility to provision maritime communications applications to private, commercial and government vessels operating in U.S. waters and beyond.

KVH requests this 60-day STA to permit operation of the V7 during the pendency of its concurrently filed modification application for identical operations,¹ which will afford KVH the

¹ See Application of KVH Industries, Inc. to Modify Existing Ku-band Earth Station Onboard Vessel ("ESV") Blanket License, Call Sign E090001.

opportunity to begin initial link evaluation for the new emission in the context of real-world operations while the application on public notice for comment by interested parties. The additional emission is compliant with the off-axis EIRP spectral density limits specified in Section 25.222(a)(1) of the Commission's Rules. KVH incorporates by reference relevant V7 terminal technical information previously submitted with prior ESV blanket license applications.² KVH confirms that V7 terminal operations will be consistent with other relevant terms, conditions and operational parameters in KVH's ESV license. Additionally, KVH provides the attached as-filed FCC Form 312 Schedule B and updated radiation hazard analysis to reflect information that is changing as a result of the additional emission.

The public interest would be served by grant of this STA because it will allow KVH to enhance its operational flexibility by utilizing a smaller emission bandwidth and provide improved high-speed satellite broadband services to various public and private U.S. maritime customers. Additionally, because the new emission complies with the Commission's two-degree spacing values and other ESV rules and policies, grant is fully consistent with the public interest. Section 25.120(a) provides that STA requests should be filed at least three working days prior to the date of commencement of the proposed operations. Here, KVH is proposing to commence operations on Monday, September 2, 2016.

Based on the foregoing, the public interest would be served by a grant of the requested 60-day STA to allow KVH to operate the V7 terminal using a new emission designator by September 2, 2016 or at the earliest practicable time thereafter.

² See KVH Industries, Inc., File No. SES-LIC-20081104-01450 and subsequent file numbers, Call Sign E090001.