

Inmarsat Hawaii Inc.
FCC Form 312
Exhibit A

Description of Request for Modification

Inmarsat Hawaii, Inc. (“Inmarsat”) seeks to modify the authorizations for its gateway earth stations in Paumalu Hawaii (call signs KA25 and E080059) to specify the Inmarsat-4 F3 satellite (“I4F3”) located at 98.0° W.L. as a point of communication in the C band and the L band. I4F3 currently is specified as a point of communication at the nominal 98° W.L. location, with an offset to 97.65° W.L. to avoid overlapping the station-keeping volume of the Inmarsat-2 F2 spacecraft that was previously located at 98.0° W.L. but that has since been moved to a different orbital location.¹

Inmarsat recently eliminated the 0.35 degree offset from 98.0° W.L. and is now operating I4F3 at 98.0° W.L. with no offset² in order to implement the terms of its coordination agreement with an adjacent satellite operator. The drift of I4F3 from 97.65° W.L. to 98.0° W.L. occurred between August 27, 2014 and September 26, 2014. Inmarsat is filing a request for special temporary authority simultaneously with this modification application. Inmarsat respectfully requests that the ISAT List maintained by the Commission with respect to Inmarsat’s L band satellite operations (1525-1559 MHz, 1626.5-1660.5 MHz) be updated upon the grant of this application.

Grant of the requested modification would serve the public interest by authorizing Inmarsat to operate in a manner consistent with its coordination agreement and maximizing compatibility with other satellites at C band by centering I4F3 between 97° W.L. and 99° W.L. Moreover, there are no spacecraft with which the station-keeping volume of I4F3 would overlap, and there is no impact on other L-band satellite operators.

¹ See IBFS File No. SES-AFS-20080915-01200.

² See IBFS File No. SES-MFS-20080228-00207.