



Fletcher, Heald & Hildreth

1300 NORTH 17th STREET, 11th FLOOR
ARLINGTON, VIRGINIA 22209

OFFICE: (703) 812-0400
FAX: (703) 812-0486
www.fhhlaw.com
www.commlawblog.com

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ROBERT J. BUTLER
HARRY F. COLE
ANNE GOODWIN CRUMP
DONALD J. EVANS
PAUL J. FELDMAN
KEVIN M. GOLDBERG
DAVID M. JANET
FRANK R. JAZZO
M. SCOTT JOHNSON
DANIEL A. KIRKPATRICK
TONY S. LEE
CHENG-YI LIU
STEPHEN T. LOVELADY
JONATHAN R. MARKMAN
SUSAN A. MARSHALL
HARRY C. MARTIN
MICHELLE A. McCLURE
MATTHEW H. McCORMICK
FRANCISCO R. MONTERO
RAYMOND J. QUIANZON
DAVINA SASHKIN
PETER TANNENWALD
JAMES U. TROUP
KATHLEEN VICTORY
HOWARD M. WEISS

* NOT ADMITTED IN VIRGINIA

RETIRED MEMBERS
VINCENT J. CURTIS, JR.
RICHARD HILDRETH
GEORGE PETRUTSAS
JAMES P. RILEY

OF COUNSEL
THOMAS J. DOUGHERTY, JR.
ROBERT M. GURSS*
KATHRYN A. KLEIMAN
MITCHELL LAZARUS
ROBERT J. SCHILL
LAURA A. STEFANI*
ROBERT M. WINTERINGHAM

FRANK R. JAZZO
(703) 812-0470
JAZZO@FHHLAW.COM

BY ELECTRONIC FILING

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W., The Portals
Washington, DC 20554

Re: Hawaii Pacific Teleport, L.P.
File No. SES-MFS-20160603-00474, Call Sign E010236

Dear Ms. Dortch:

Hawaii Pacific Teleport, L.P. (“HPT”), by its attorney and pursuant to Section 1.65 of the Commission’s rules, 47 C.F.R. § 1.65, hereby updates the above-referenced application to modify HPT’s license for E010236 to add JCSAT-2B as a point of communication. Specifically, this letter provides supplemental information regarding orbital debris mitigation matters for the JCSAT-2B spacecraft.

In support of its application, HPT provided an orbital debris mitigation statement relating to JCSAT-2B. Subsequent to submitting the modification application HPT has learned new information and provides the following information regarding the residual helium pressurant that is expected to be on board JCSAT-2B at end of life.

JCSAT-2B is a Space Systems/Loral 1300 model spacecraft. HPT has learned that although the helium will be vented as part of the retirement procedures for this satellite, a regulator on the tanks will prevent complete expulsion of the helium. The specification for the minimum inlet pressure below which that regulator cuts off the flow of helium is 400 psia. Based on that pressure, and assuming a temperature of 298K, the residual helium after depletion is estimated to be approximately 440 grams. This value reflects the combined mass of helium in the two interconnected helium tanks, each of which has a volume of 49 liters. The tank pressure

of 400 psia will be a fraction of the tanks' maximum expected operating pressure, which is 4000 psia.

HPT seeks any necessary waiver of Section 25.283(c) of the Commission's rules with respect to the residual helium that will remain on the JCSAT-2B satellite at end of life. That section requires that space station operators take steps as part of the retirement procedures to discharge energy sources on board the satellite, including "relieving pressure vessels." 47 C.F.R. § 25.283(c). As discussed above, although the helium will be substantially depleted as part of the retirement process, thus "relieving" the pressure in these tanks, once the inlet pressure drops below the set point of the regulator it is impossible to continue to expel the helium. This limitation is part of the design of the spacecraft. JCSAT-2B is already in orbit. Under this circumstance, grant of any necessary waiver is consistent with Commission precedent and is consistent with the request of Gogo LLC in SES-MFS-20151022-00735/Call Sign E120106 (the "Gogo Modification").

HPT requests that the Commission update its records regarding the E010236 modification application to take the above information into account and seeks expeditious processing of the E010236 modification application with this update with respect to JCSAT-2B. HPT also incorporates by reference any additional information submitted by Gogo LLC in connection with the Gogo Modification. Please let me know if you have any questions regarding this matter.

Very truly yours,

FLETCHER HEALD & HILDRETH, PLC



Frank R. Jazzo

Counsel for Hawaii Pacific Teleport, L.P.