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April 1, 2011

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VIA ELECTRONIC FILING

Roderick Porter
Deputy Chief, International Bureau
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Iridium Satellite LLC, Surrender of Special Temporary Authorization to Provide Mobile Satellite Service in the 1616-1617.775 MHz Band, File No. SAT-STA-20110323-00058

Dear Mr. Porter:

Iridium Satellite LLC (“Iridium”), by its attorneys, hereby surrenders its special temporary authority (“STA”) to operate in the 1616-1617.775 MHz band. Iridium has been monitoring usage of its global satellite system since it first obtained STA to use additional spectrum following the March 11, 2011 earthquake and tsunami in Japan. Iridium’s recent data shows that in the last few days the traffic over Japan has stabilized with an overall approximate 50% increase in subscribers as compared to pre-earthquake levels. As a result, Iridium will cease using the 1616.0-1617.775 MHz band effective April 2, 2011.¹ As noted in Iridium’s last extension request, however, approximately 2700 additional phones are en route to the Japan region for use by non-governmental relief organizations. Iridium may seek additional STA as needed to accommodate any increased demand following the activation of these phones.

Please contact Donna Bethea Murphy of Iridium or me with any questions.

Sincerely,

/s/ *Peter D. Shields*

Peter D. Shields
Counsel to Iridium Satellite LLC

¹ See IBFS File No. SAT-STA-2011316-00056.



Roderick Porter

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cc: L. Barbee Ponder IV (Globalstar, Inc.)
Gardner Foster, Robert Nelson, Karl Kensinger, Cassandra Thomas,
Kathryn Medley, Stephen Duall