



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

February 28, 2006

Robert G. Nelson
Chief, Satellite Division
International Bureau
Federal Communications Commission
Washington, D.C. 20544

Dear Mr. Nelson:

Re: Application of Geologic Solutions SES-MOD-20060124-00090, Call Sign E900081

I thank you for the opportunity of reviewing this application. We pleased to note that Geologic has been making progress in reducing the average time needed to preempt its half-duplex terminals and that new terminals introduced in the system will be full-duplex. NTIA can support the grant of the Geologic Solutions application modification to extend the authorization until July 2010 but not beyond the MSV-1 satellite end-of-life if it occurs before July 2010. The following conditions for half-duplex terminals would continue to apply:

- The spectrum used by the METs is limited to 2.0 MHz from the spectrum MSV has coordinated for its satellite and that no additional spectrum will be requested or used
- No more than the already authorized number (50,100) half-duplex METs will be used
- The authorization expires at the end of the useful life of the AMSC-1 and MSAT-1 satellites
- The METs will be capable of preemption for maritime safety systems within no more than 10.24 seconds.

Sincerely,

A handwritten signature in cursive script that reads "James Vorhies".

James Vorhies
Chief, International Spectrum Plans
And Policy Division

CC: Scott Kotler
Shahnaz Ghavami
Kathryn Hosford