

Experimental Application File No. 0108-EX-PL-2006
Supplementary Submission
Justification of the Five-Year License Request

ORBCOMM is requesting a five-year license for this satellite because if the results prove satisfactory to the United States Coast Guard during the first year of operations (which commences 120 days after launch), then they have the option of extending the initial collection of information for an additional three year period. Thus, assuming the options are exercised, the satellite will need to operate for roughly four-and-a-half years after launch. ORBCOMM fully anticipates that the monitoring under the contract (# HSCG23-04-C-ADA001) will be extended in this manner, and thus is requesting a five-year license.

In addition, if the program proves successful, then ORBCOMM intends to incorporate an AIS monitoring capability into its next generation of satellites, and continuing operation of this experimental satellite may lead to refinements in the design of the AIS monitoring equipment that will be integrated into those next-generation satellites. The design and construction of the next-generation satellites will continue beyond the next several years, and thus a two-year license would be inadequate insofar as the continuing operation of the experimental satellite will likely provide useful information throughout the design and construction of the new satellites (which will be licensed via a modification of ORBCOMM's current satellite constellation license, S-2103).