

Department of Sanitation New York City
137 Centre Street
New York, NY, 10013

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Special Equipment Program

Proposed Program

ORBCOMM Inc. is a leading global provider of Machine-to-Machine (M2M) communication solutions and operates the only commercial satellite network dedicated to M2M. ORBCOMM's unique combination of global satellite, cellular and dual-mode network connectivity, hardware, web reporting applications and software is the M2M industry's most complete service offering. Our solutions are designed to remotely track, monitor, and control fixed and mobile assets in core vertical markets including transportation and distribution, heavy equipment, industrial fixed assets, oil and gas, maritime and government.

The use of the atomic clocks in the GPS Satellites is critical for all communication networks since precise timing ensures the accuracy and reliability provided by these network systems. The use of a live GPS Signal in the Research and Development Laboratory is required for proper testing of GPS Receivers in a controlled environment. The proposed design will be installed to insure no signal leakage outside the lab..

Objectives

1. Illumination of a specific area within the R&D lab that previously had no GPS availability
2. Further design, development and enhancement of existing mobile application by comparing and testing various GPS receivers