

Experimental License Application
Trimble Mobile Resource Management (Trimble NRM)
930 Winter St.
Waltham, MA 02451

October 22, 2008

Narrative Statement for Question 6:

- a. Nature of Project: Trimble NRM in Waltham develops location based software applications for ruggedized handheld computers, such as the Intermec CN3 and Symbol MC70, which utilize an internal GPS receiver. The GPS satellite signals are used to determine the user's current location for tracking and for generating routing information.
- b. Necessity of communications facilities: Having access to a robust GPS signal is essential for software operation and to add new functionality. Without the signal, many functions are disabled.
- c. Remediating communication inadequacies: The office space occupied by the Waltham office is two floors beneath the building roof, and is obstructed on its' exterior sides by other structures and a rocky, wooded hill which block most of the line-of-sight to the open sky. Because of this, no usable GPS signal can be received inside the space. By employing a GPS repeater in the development area, GPS signals will be available for use in continued development and testing.