

14085 Howard Rd
Dayton, MD 21036

TRP/Cetecom bvba

May 13, 2002

Federal Communications Commission
7435 Oakland Mills Rd
Columbia, MD 21036

Re: FCCID:LOM973SR

Gentlemen:

Submitted herewith is an application for a swept FM signal tank level radar gauge operating as a field disturbance sensor. This gauge is intended to be installed in metal tanks only and was tested in a simulated metal tank consisting of a closed end stilling well arrangement. Various antenna arrangements are provided depending on the application. The antenna configurations were investigated and a representative antenna measured, since none produced measurable emissions outside the metal tank. The signal is swept from 9.4 to 10.7 GHz.

Sincerely,

Phillip Inglis
Consultant