

From: Steven Timian

To: Anthony Serafini

Date: June 11, 2013

Subject:

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Message:

The E-UGS is an Unattended Ground Sensor. The sensors, approximately the size of a coffee cup, are buried in the ground with only the antenna exposed. When the sensors detect ground motion, they transmit a detection signal to the receiver. The sensors also transmit a status message periodically.

A Spec Sheet has been uploaded to the STA application which describes the EUGS.

The testing is part of the Thunderstorm Demonstration for the Rapid Reaction Technology Office of the Secretary of Defense and the U.S. Customs and Border Protection.