

**WAAS Technical Report**  
**William J. Hughes Technical Center**  
**Pomona, New Jersey**  
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***DR# 59: POR GEO Pointing Error Caused SIS Degradation and Outage***  
***GPS Week/Day: Week 1430 Day 6 (6/9/07)***

**Discussion:**

On June 9, 2007 (GPS Week 1430 Day 6), the WAAS POR GEO Signal In Space (SIS) was temporarily lost. The issue occurred between approximately 16:13 and 18:25 UTC.

The problem appears to be associated with the Satellite Control Center. It is suspected that the POR GEO did not maintain its proper orientation with respect to the earth, thus causing a communications interruption.

By 18:25 UTC, an uninterrupted stream of WAAS corrections was being broadcast from the POR GEO.

**Conclusion:**

A POR SIS outage occurred on June 9, 2007. Both AOR-W and CRW GEO's were broadcasting with uninterrupted SIS at the time. Since any POR site within the WAAS service volume could also receive corrections from one or both of the other GEO's, a WAAS user should have been unaffected by this anomaly.