

Proving Ground Operations Plan Proposal

(1) Project Title: GOES-R Proving Ground 2010 Spring Experiment

(2) Organization:

- a. NOAA's Storm Prediction Center and Hazardous Weather Testbed, Norman, OK

(3) Products to be demonstrated (list the GOES-R Products you would like to demonstrate as a GOES-R Proving Ground activity):

- a. Lightning Detection
- b. Enhanced "V"/ Overshooting Top Detection
- c. Convective Initiation
- d. Cloud and Moisture Imagery

(4) Demonstration Project Summary:

- a. Purpose: Demonstrate and test GOES-R Proving Ground products within an operational framework while collaborating with broader warning/forecast community within other Spring Experiment entities.
- b. Scope: Day 1 product evaluation and training. Collaboration with developers on potential day 2 products.

(5) Participants (Centers) involved:

- a. Providers
 - i. CIMSS
 - ii. CIRA
 - iii. SPoRT
- b. Consumers
 - i. Storm Prediction Center
 - ii. Aviation Weather Center

(6) Project schedule/duration (timeline):

- a. Begin: Jan. 2010 (planning)
- b. End: July 2010 (evaluation/report)

(7) Project decision points and deliverables

- a. Proving Ground Operations Plan
- b. Proving Ground Spring Experiment Final Report

(8) Responsibilities and Coordination

- a. Christopher Siewert, OU-CIMMS
- b. Kristin Kuhlman, OU-CIMMS
- c. Russell Schneider, SPC
- d. Steven Weiss, SPC

(9) Budget and resource estimate

- a. Removed in this version.