

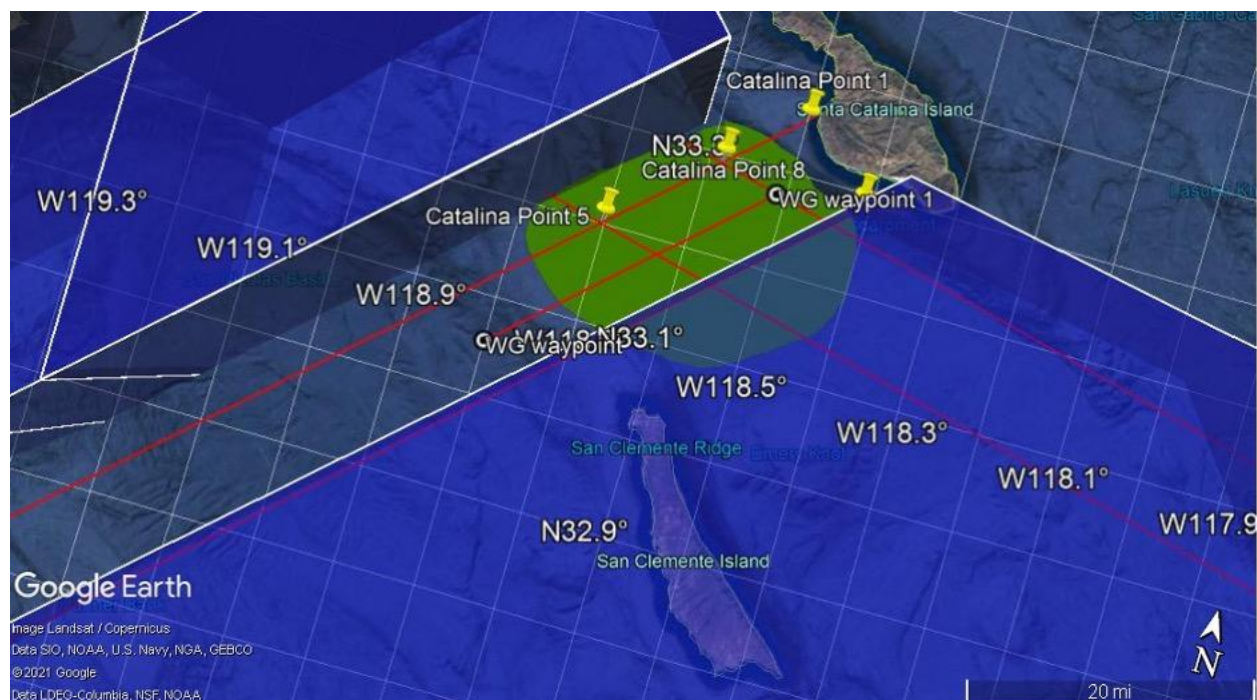
The S-MODE science team is planning to conduct an experiment between May 3-18, which will begin to address the goals associated with its Pilot campaign, scheduled to begin this October.

The May experiment will include the first flights on the Armstrong Flight Research Center B200 aircraft with the combined payload of the JPL DopplerScatt and UCLA MOSES instruments. The upload of these two instruments was finished last week and a combined systems test was successfully completed on Thursday.

In addition to being a health and compatibility check for DopplerScatt and MOSES, the team will coordinate on a non-interference basis with an Office of Naval Research experiment, which is using the Scripps Institution of Oceanography (SIO) MASS instrument installed on a Twin Otter (operated by Twin Otter International), SIO Wave Gliders, and other research assets. Lastly, a Woods Hole Oceanographic Institution Wave Glider will be deployed as early as Wednesday to provide validation data for the airborne remote sensing instruments.

This collaborative effort will allow the S-MODE team to compare surface current, wind/wave, and sea surface temperature measurements among many of the platforms that will be utilized during the major S-MODE field campaigns.

The primary area of interest for this flight series is between and west of Catalina and San Clemente Islands as shown on the following graphic.



For more detailed information on the May experiment's goals and objectives, please refer to Ernesto Rodriguez' presentation — [S-MODE May Deployment Thoughts](#)