

# Sea Range Test Management



Sea Range Test Management is the customer's single point of contact for planning and scheduling a test or training event on the Sea Range. A Test Manager coordinates with all Range instrumentation, test conduct, targets, aircraft, airfield and test engineering organizations to ensure the customer receives the services they need when they need them. A Test Manager will also help obtain required environmental, safety, radio frequency and test plan approvals, plus assist with equipment and personnel logistics, including ordnance movement and storage. Our goal is to satisfy all customer requirements, provide quality data packages and conduct all range events safely and effectively at the lowest possible cost.

## PROJECT SUPPORT

Customer requirements are aligned with Sea Range capabilities in a variety of ways. Customers may use the Universal Documentation System (UDS) to document program support agreements. However, use of the UDS process is not required. New programs are often introduced at a single-day meeting in which the customer explains their test or training needs to Sea Range personnel, who describe what the Sea Range can do and advise the customer on a course of action.

Depending on the program's complexity, a rough cost estimate usually can be generated within one week. More complex programs will require follow-on meetings to clarify specific requirements and identify Sea Range services before a cost estimate can be developed. Once the customer accepts a cost estimate and sends funding for test support, detailed test planning and resource coordination begin.

A comprehensive test plan that documents a systematic approach, advanced planning and effective, efficient and safe conduct of a test program must be submitted by the customer. A test plan format is described in NAVAIR Instruction 3960.4B. Other formats are acceptable. The test plan should document a process that recognizes and mitigates risk factors to ensure the safe generation of required test data, while safeguarding human life, preserving valuable assets and maintaining program schedule within cost constraints.

## FOR MORE INFORMATION

(805) 989-5936 / (805) 989-3372

575 I Street, Suite I

Point Mugu, CA 93042

[www.navair.navy.mil/ranges](http://www.navair.navy.mil/ranges)



Operations Control Room Mike



SLAM F/A-18



Carrier Strike Group on the Sea Range

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## RANGE SCHEDULING

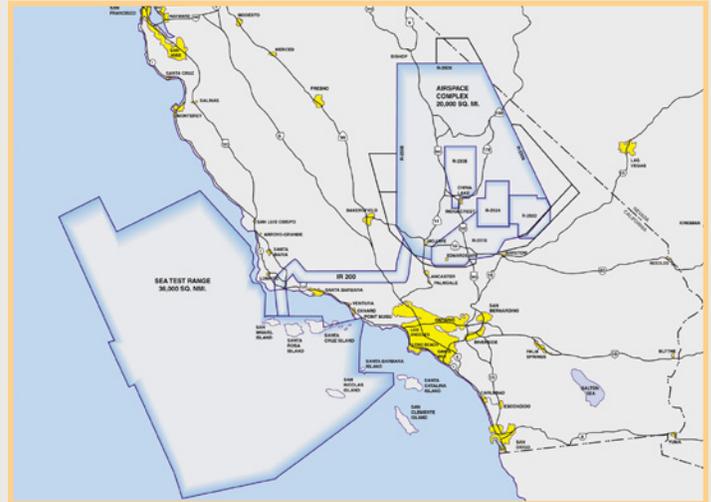
The Sea Range does not rely on a formal priority system for scheduling range assets. All programs requesting range assets will be accommodated to the greatest extent possible. However, programs will be given accommodation under certain circumstances, including the following:

- Program assets that are constrained to particular dates, such as ship deployment schedules or launch windows
- Events required to satisfy warfare system deployment schedules
- Program milestone deadlines

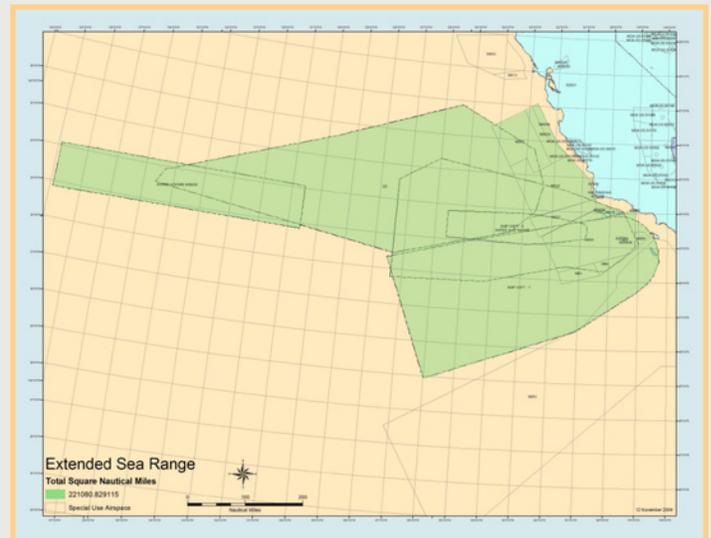
The Sea Range maintains a long-range forecast and weekly schedule using the Test Resource Management System (TRMS). TRMS is a web-based application designed to support the planning, execution and reporting of range test events. All NAVAIR Range sites use TRMS (Atlantic Test Ranges, Land Range, Electronic Combat Range and Sea Range) for scheduling and billing of range assets.



Standard missile vertical launch



Pacific Ranges airspace



Sea Range airspace can be expanded to more than 220,000 square miles