

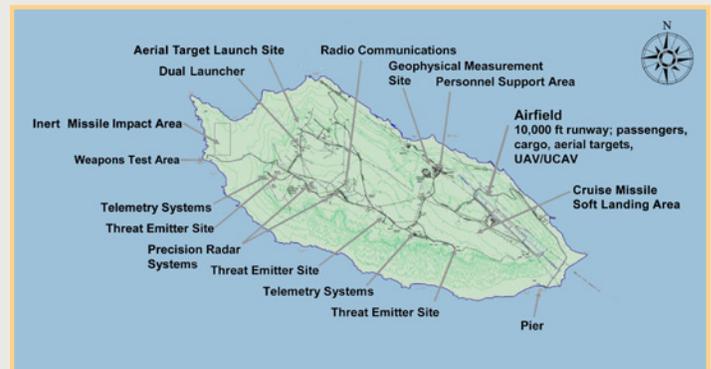
San Nicolas Island

San Nicolas Island (SNI) is located in the Pacific Ocean off the coast of Southern California, 60 miles south of Point Mugu. Approximately nine-miles long and three-miles wide, the 14,562-acre island has been owned by the Navy since 1933 as a weapons testing and training facility. SNI is critical to performing the Sea Range mission and provides a cornerstone for supporting a wide variety of test, evaluation, training and experimentation operations, including surface-to-air, surface-to-surface, air-to-air, air-to-surface, missile defense, fleet training and large-scale joint experimentation scenarios.

SNI ASSETS

SNI is an invaluable asset because of its unique, realistic marine operating environment. The entire island is under Navy control, which makes it ideal for sensitive operations. A variety of high-fidelity test and evaluation instrumentation located 60 miles off-shore provides extended coverage far beyond the reach of shore-based instrumentation.

SNI's 10,000-foot runway is lighted and equipped with arresting gear and has a ground control approach system, two hangars and associated airfield support facilities. A barge landing area is used for cargo too large or bulky for aircraft to carry. Cargo can be off-loaded and trucked to the main compound or one of the many project areas.



Map of San Nicolas Island

FOR MORE INFORMATION

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San Nicolas Island

The west end of SNI provides a secure area for missile and target launch activity and is often used for Standoff Land Attack Missile (SLAM) and inert land-attack missile operations. SNI instrumentation supports Sea Range operations as well as launches from Vandenberg Air Force Base. Frequency monitoring, meteorological measurement systems and ordnance handling, storage and launching facilities are available. Capabilities include launch sites for surface-launched weapons and target launches.

The ability to launch and control a wide variety of missiles and aerial and surface targets and a dedicated ordnance and range safety staff make SNI ideally suited for test and evaluation missions. Many targets routinely used on the Sea Range are launched from either the Point Mugu Surface Launch Complex or from additional specialized launch facilities on SNI.

SNI FEATURES

- Realistic marine environment
- Remote and fixed telemetry sites
- Positioning of high-fidelity instrumentation 60 miles offshore
- Range of radar capabilities
- 50,000-pound rail missile and target launcher
- Missile impact area (inert)
- Voice, data and real-time video communications
- Launch and control of a wide variety of aerial and surface targets
- Telemetry collection facilities
- High bandwidth fiber optic communications link SNI directly to Point Mugu and other DoD ranges
- 10,000-foot runway and airfield capable of landing C-5 and C-17 -sized aircraft
- Dedicated ordnance and range safety staff
- Daily passenger and logistics flights



First flight of GQM-163A "Coyote" Supersonic Sea-Skimming Target from SNI