

**California MLPA South Coast Project**  
**Summary of Selected Military Activities Occurring at**  
**San Nicolas and San Clemente Islands**  
*March 31, 2009*

The descriptions in this document and attached map are broad summaries of selected military activities occurring within California state waters around San Nicolas Island and San Clemente Island, and are designed to inform decision-making as part of the California Marine Life Protection Act Initiative process. This information has been generated in cooperation with representatives from the United States Department of Defense. Note that these activities are a subset of all military activities occurring in the vicinity of these islands and do not constitute a comprehensive list of all activities. The described activities are subject to change based on needs of the United States Department of Defense and therefore do not represent the full range of uses that may occur in the future.

**Table 1. Current Military Uses (Summarized Subset) at San Clemente Island**

Name	Military Use Category	Description
<b>Area G – (San Clemente Pending Military Closure 1)</b> SWAT 1, Naval Special Warfare Training Areas and Ranges (TARs)	Small Arms Surface Danger Zone	Small arms range surface danger zone (land-based targets) and over-the-beach live-fire (insertion/extraction)
<b>Area A –</b> Special Warfare Training Area (SWAT) 2, Naval Special Warfare Training Areas and Ranges (TARs)	Underwater Detonations, Live Fire Area, Non-Military Safe Harbor (Northwest Harbor)	Underwater detonations (up to 500 lbs NEW), explosive ordnance disposal operations, small arms surface danger zone, sniper surface danger zone, NSW & SEAL Platoon operations, small arms surface danger zone, grenade pit, demolition pit, active SONAR, over-the-beach live fire insert/extraction, Fleet Training Exercises (FTX) w/live fire and pyrotechnics
<b>Area Wilson Cove – (San Clemente Pending Military Closure 2)</b> SWAT 3, SCI Underwater Range, OPAREA 3803	RDT&E, Small Arms Surface Danger Zone (land targets), Military Safe Harbor	Research, Development, Test and Evaluation (RDT&E), underwater missile launches, ship radiated noise measurements, sonobuoy quality assurance testing, parachute drop zone, land-based small arms fire surface danger zone, small boat mooring to buoys, barge loading/offloading (in Wilson Cove)
<b>Area B –</b> SWAT 5, Naval Special Warfare Training Areas and Ranges (TARs), OPAREA 3803	Live Fire Surface Danger Zone, Underwater Research, Development, Test and Evaluation, Sonobuoy Quality Assurance Test Area, Surface Ship Measurement Area	Fleet Training Exercises (FTX) w/live fire and pyrotechnics, sonobuoy test and evaluation, Surface Ship Radiated Noise Measurements (SSRNM), Weapon System Accuracy Trials (WSAT), Sensor Accuracy Test (SAT), At-Sea Bearing Accuracy Tests (ASBAT), Acoustic trials (ACTRL). Basic through advanced Naval Special Warfare, small arms range surface danger zone, sniper surface danger zone, RDT&E (classified operations), active SONAR
<b>Area C and D –</b> Shore Bombardment Area (SHOBA), Shallow Water Training Range (SWTR), Shallow Water Minefield, China Point Mining Training Range, Pyramid Head Mine Training Range, Naval Special Warfare Training	Underwater Detonations, Live Fire Area, Amphibious Landing, Bombing, Anti-Submarine Shallow Water Training Range, Mine	Naval Surface Fire Support (ship-to-shore live fire exercises with large 5" inch shells), large missile strikes, ship-to-shore and shore-to-shore gunnery exercises, US Marine Corps Expeditionary Firing exercises (live-fire with mortars), air-to-ground bombing, artillery firing, underwater detonations (up to 20 lbs NEW), active SONAR, permanent shallow water minefield for mine countermeasure neutralization training, SEAL Platoon operations, Fire Support Areas (offshore surface danger

<b>Name</b>	<b>Military Use Category</b>	<b>Description</b>
Areas and Ranges (TARs)	Neutralization, Non-Military Safe Harbor (Pyramid Cove)	zones for live-firing exercises into SHOBA), missile operations, bombing exercises (land and water), mine training range for aerial mining exercises (water targets), shallow water training range permanent instrumentation for anti-submarine warfare exercises, Stinger missile firing operations, torpedo operations, USMC Battalion Landings, basic through advanced Naval Special Warfare, small arms range surface danger zone, sniper surface danger zone
<b>Area E –</b> SWAT 6, Shallow Water Training Range (SWTR), Eel Point Mine Training Range, Kingfisher minefield, Naval Special Warfare Training Areas and Ranges (TARs)	Aerial Mining, Anti-Submarine Warfare Shallow Water Training Range	Aerial mine training range (water targets), shallow water training range permanent instrumentation for anti-submarine warfare exercises, torpedo operations, basic through advanced Naval Special Warfare, small arms surface danger zone, sniper surface danger zone, active SONAR, SEAL Platoon operations, over-the-beach live fire insert/extraction, explosive ordnance disposal operations, Fleet Training Exercises (FTX) w/live fire and pyrotechnics, Integrated ASW Course Phase II (integrated anti-submarine warfare operations for multiple ships and helicopters)
<b>Area F –</b> SWAT 4, West Cove Amphibious Landing Area, Castle Rock Mine Training Range, Naval Special Warfare Training Areas and Ranges (TARs), Shallow Water Training Range (SWTR)	Aerial Mining, Amphibious Landings, Anti-Submarine Warfare Shallow Water Training Range	Explosive ordnance disposal operations, Naval Special Warfare, over-the-beach live fire insert/extraction, small arms surface danger zone, sniper surface danger zone, active SONAR, aerial mine training range (water targets), shallow water training range permanent instrumentation for anti-submarine warfare exercise, parachute drop zone, SEAL Platoon operations, USMC Battalion Landings (over water entrance to Amphibious Vehicle Maneuver Corridor), Landing Craft Air Cushion (LCAC) landing site, Fleet Training Exercises (FTX) w/live fire and pyrotechnics, Integrated ASW Course Phase II operations (integrated anti-submarine warfare operations for multiple ships and helicopters)

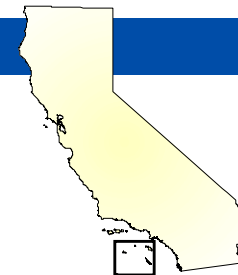
**Table 2. Current Military Uses (Summarized Subset) at San Nicolas Island**

<b>Name</b>	<b>Military Use Category</b>	<b>Description</b>
<b>ALPHA -</b> <b>(San Nicolas Island Pending Military Closure)</b>	Live Fire Area	Launch zone for missiles. Missiles have booster rockets to get them up to speed that fall into the ocean and are not recovered. Used for low altitude aircraft overflights. Proposed area for laser testing; both shooting at SNI and shooting from SNI. Proposed for nearshore missile intercepts; targets would be remotely operated.
<b>BRAVO</b>	Live Fire Area	Launch zone for missiles. Missiles generally have booster rockets to get them up to speed that fall into the ocean and are not recovered. Used for low altitude aircraft overflights. Proposed area for laser testing; both shooting at SNI and shooting from SNI. Proposed for nearshore missile intercepts; targets would be remotely

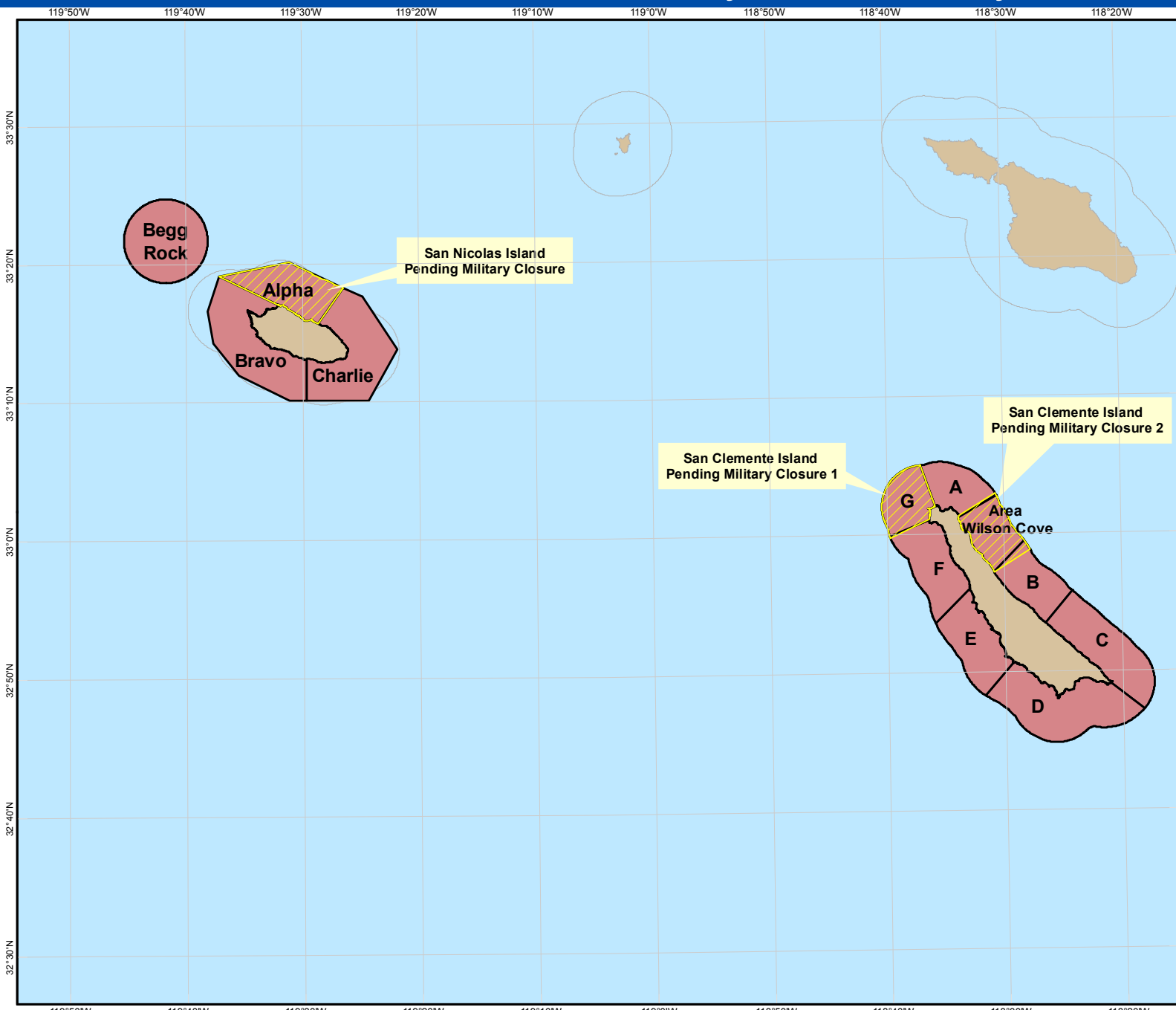
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<b>Name</b>	<b>Military Use Category</b>	<b>Description</b>
		operated. Overall, similar to Alpha area, but much more intensively used.
<b>CHARLIE</b>	Underwater Activities Area	Area used for the recovery of Tomahawk cruise missiles; includes underwater activities to recover missiles. Reverse osmosis brine discharge. Fuel offloading facilities. Pier operations.
<b>Begg Rock</b>	Live Fire Area	Missile intercepts with falling debris.




# San Clemente and San Nicolas Islands - Summary of Selected Military Activities



## California Marine Life Protection Act (MLPA) Initiative



### Legend

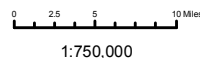
-  Pending Military Closures
-  Military Use Areas
-  South Coast Study Region Boundary

### Disclaimer:

Note that this map represents a summary of some military activities occurring in state waters surrounding San Clemente and San Nicolas Islands. It is not a comprehensive list of all military activities and does not represent all potential future activities. See associated table for additional information

### Projection Information:

Name: NAD 1983 California Teale Albers  
 Projection: Albers  
 Datum: North American 1983



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Created By:

Marine Map, Cartographic Division UCSB