

# Marine Life Protection Act Initiative



## Proposed Approach for an Analysis of Military Activities

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# Basic Approach

- Categorize activities based on type/style of potential impact
- Determine level of frequency or intensity
- Display matrix with category assignments and frequency/intensity assignments for each military use area
  - Can also be displayed graphically



# Categories of Potential Impact

- A. Direct and acute damage to seafloor habitat or marine life or causes direct disturbance likely to reduce survival/reproduction
- B. Likely contacts the seafloor and may cause damage to habitat or sea life, though does not do so in such an immediately destructive manner
- C. Activities probably do not contact or directly damage the seafloor and habitat, but can be damaging to marine life
- D. Does not contact the seafloor or if so only in a limited way and likely causes disturbance or temporary displacement of marine life, but does not necessarily reduce survival

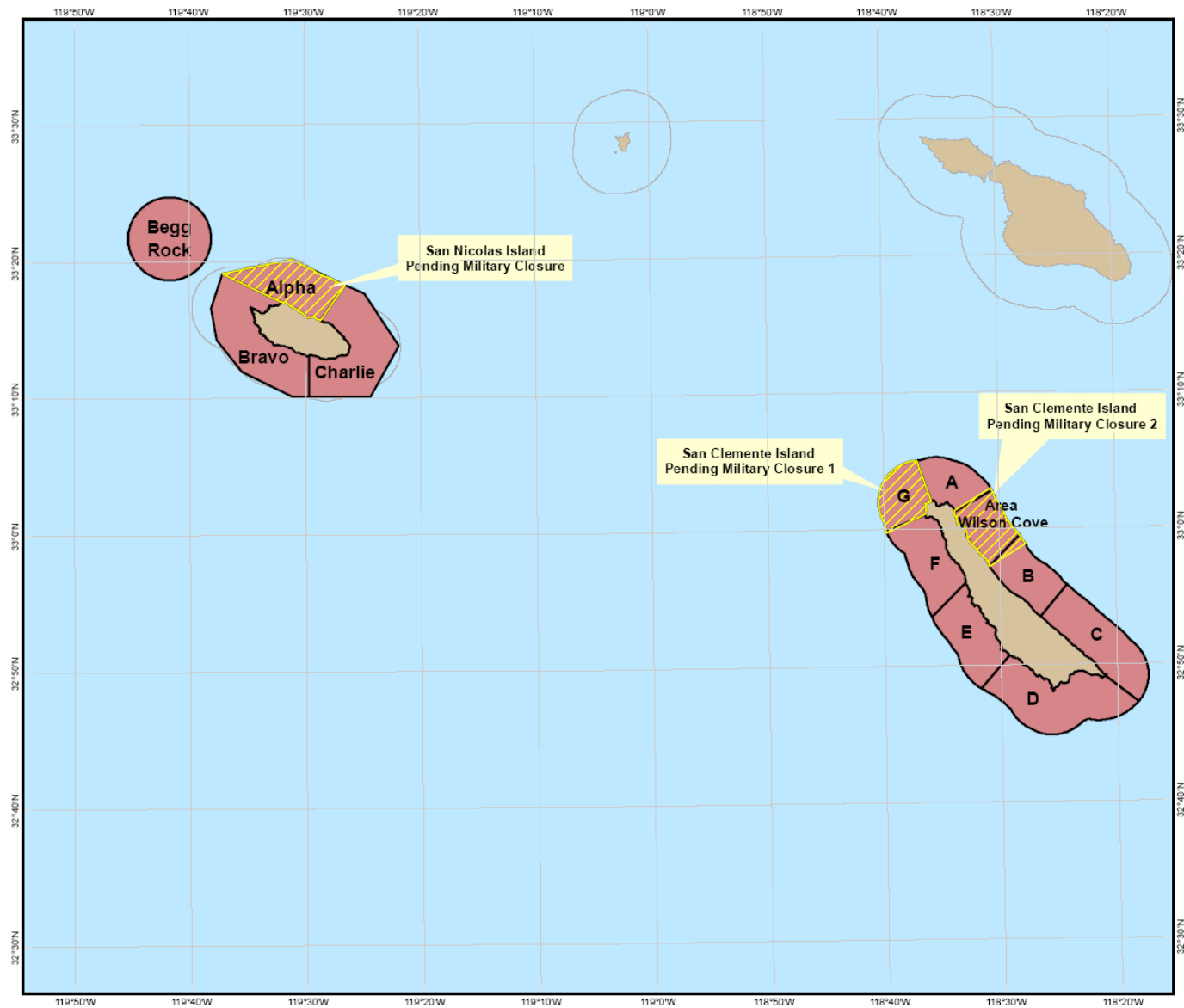


# Example Matrix

Description of Military Activities	A	Wilson Cove	B	C	D	E	F	G	Alpha	Bravo	Charlie
Surface Ship Radiated Noise Measurements (SSRNM)			x								
Acoustic trials (ACTRL)			x								
Active SONAR	x		x	x	x	x	x				
Ship radiated noise measurements		x									
Sonobuoy test and evaluation		x	x								
Low altitude aircraft overflights.									x	x	
Small boat mooring to buoys		x									
Amphibious Assault Training. Staging area for beach assaults.											
Explosive Anchorage for demolition of ordnance & on/off loading.											
Reverse osmosis brine discharge.											x
Explosive ordnance disposal operations	x					x	x				
Mine training operations and explosives disposal (detonation), anchorage											
Dredging the entrance channel for Seal Beach Naval Ordnance Center											
Air-to-ground bombing				x	x						
Large missile strikes				x	x						
Missile operations, bombing exercises (land and water)				x	x						
Torpedo operations				x	x	x					
Underwater detonations (up to 20 lbs NEW)				x	x						
Underwater detonations (up to 500 lbs NEW)	x										



# Military Use Areas at the Islands





# Recommended Next Steps

- Staff have requested that the military help complete the matrix
  - Particularly for impacts, frequency and intensity
- Develop workgroup of MLPA Master Plan Science Advisory Team, military representatives to the regional stakeholder group, and MLPA staff to finish matrix and determine appropriate category and frequency coding
- Provide matrix and graphic representation to the MLPA Blue Ribbon Task Force