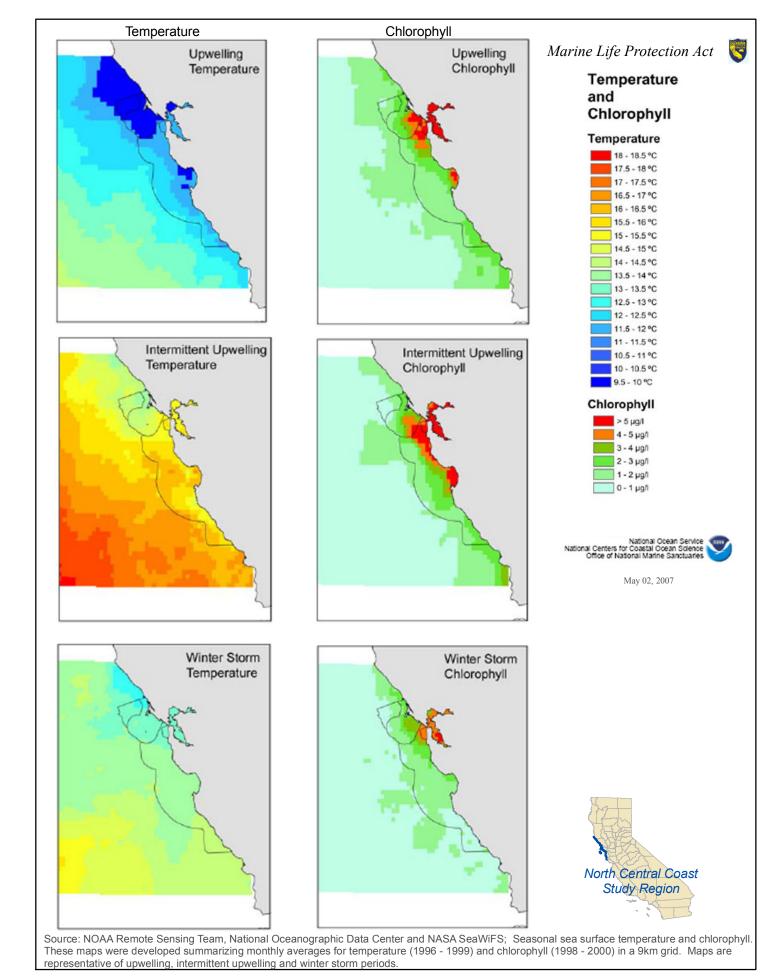


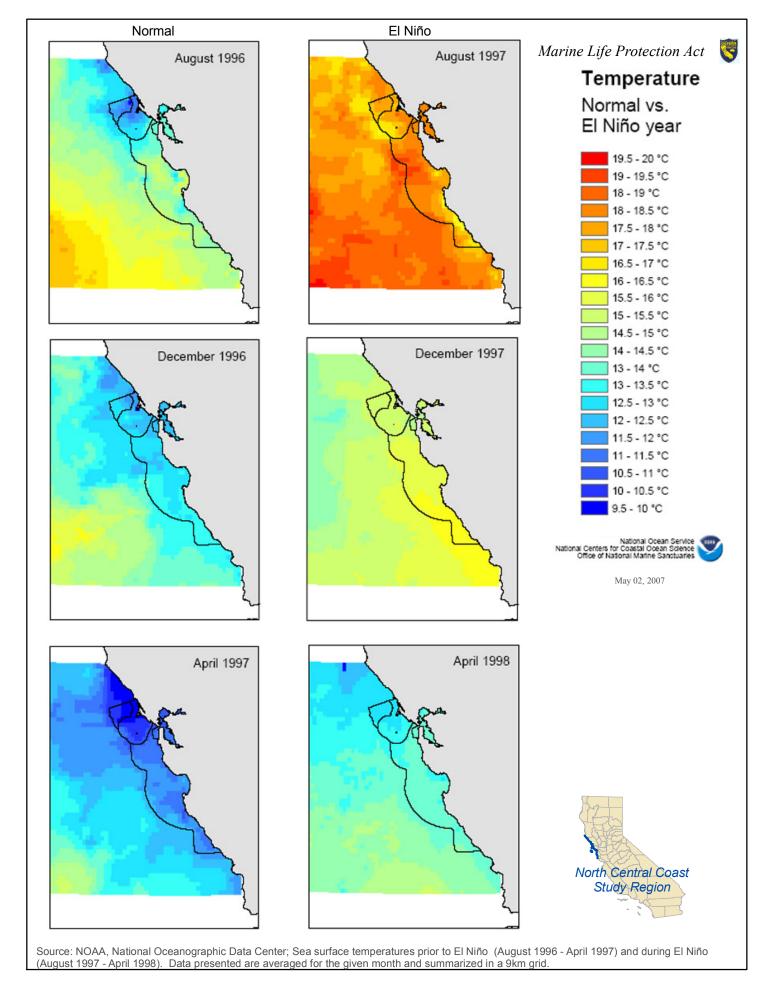
Source: John Largier, Bodega Marine Lab, University of California, Davis Base map provided by The Ocean Conservancy

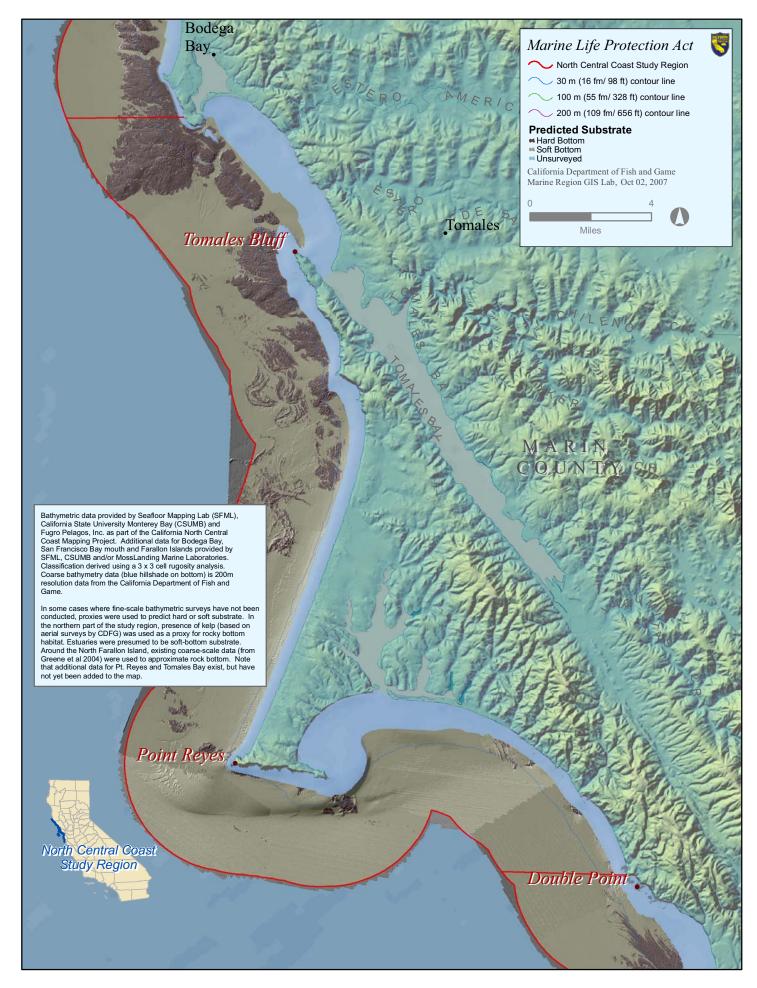
Schematic of Major Oeanographic Features off the North Central Coast Marine Life Protection Act



Blue zones indicate upwelling centers which are localized at capes (Pt Arena, Pigeon Pt) or expand along much of the coast, while blue arrows indicate plumes of upwelled waters moving south and offshore from upwelling centers. Green arrows indicate plumes of San Francisco Bay outflow, moving either south (during upwelling) or north (during weak winds or winter). Strong winter outflow from rivers like the Russian and Gualala is demarcated by brown arrows. Not shown is the retention zone in Drakes Bay and smaller zones in Bodega Bay and Half Moon Bay. These schematic patterns change with the wind, land runoff, seasons and years.

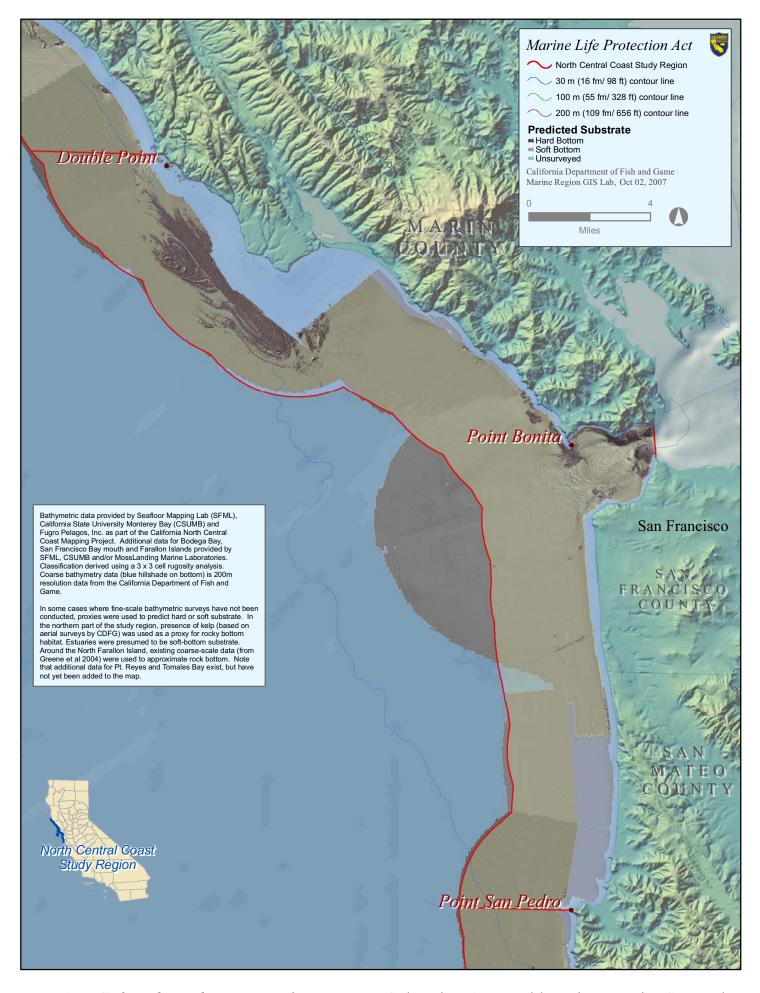






Map 3 c Soft and Hard Bottom Habitats

Subregion 3 - Bodega Head to Double Point



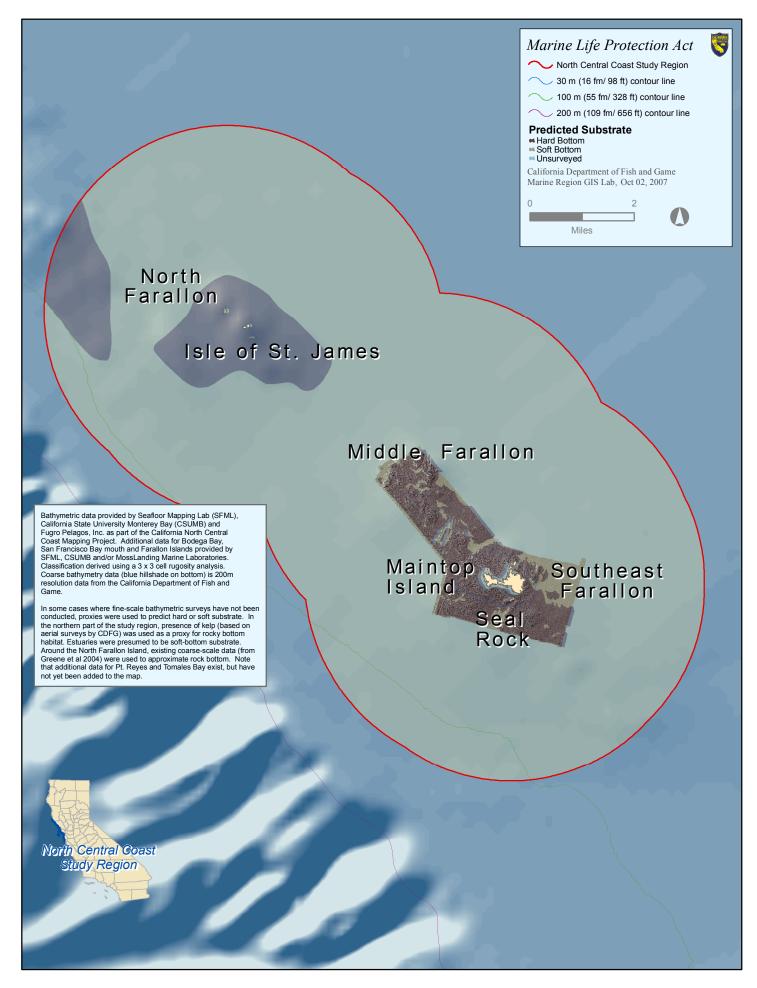
Map 3 d Soft and Hard Bottom Habitats

Subregion 4 - Double Point to Point San Pedro

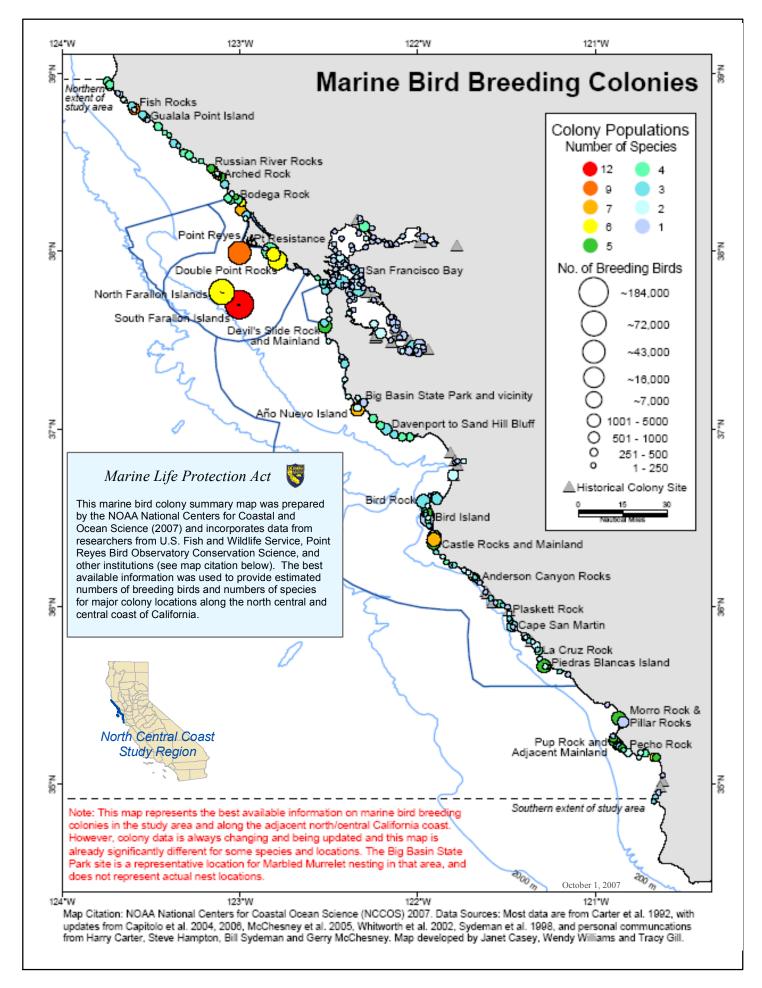


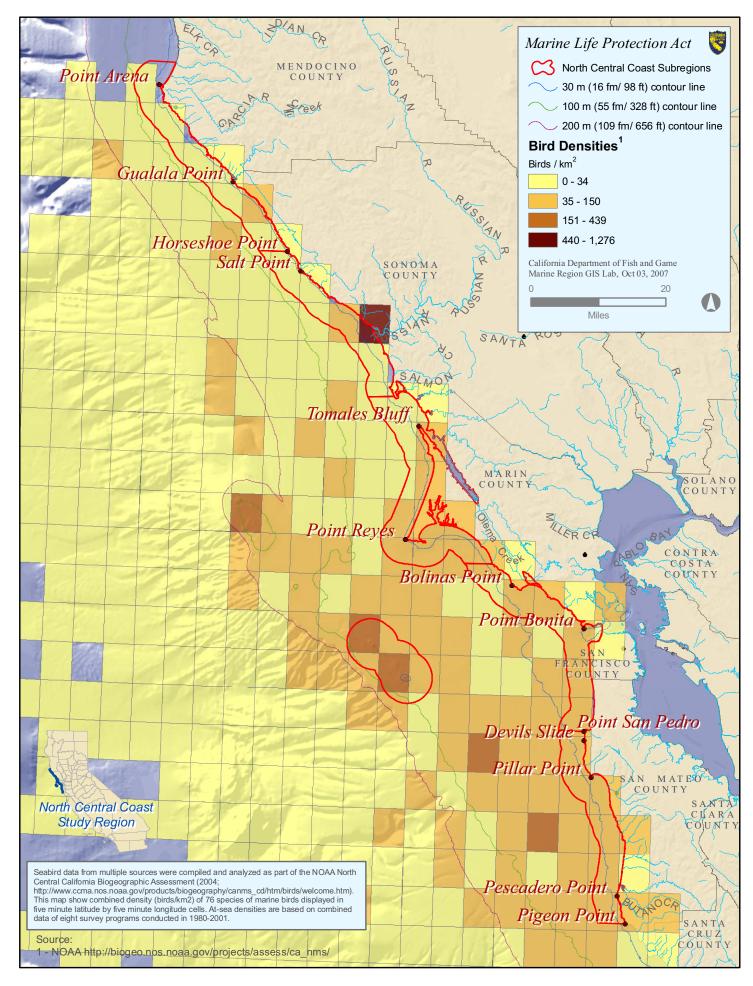
Map 3 e Soft and Hard Bottom Habitats

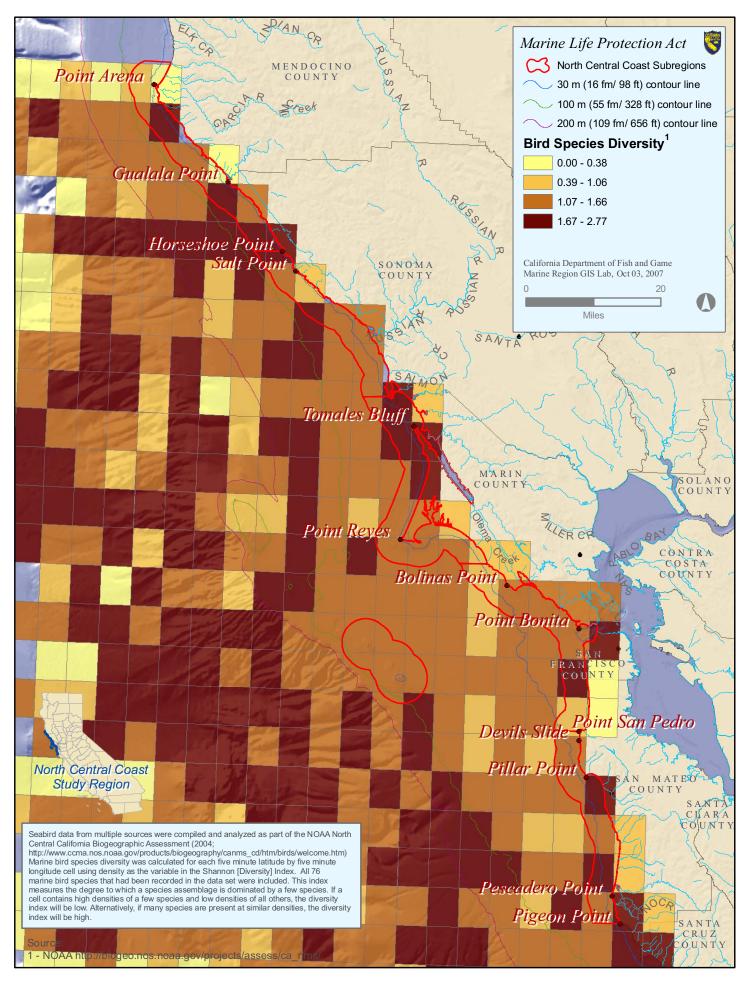
Subregion 5 - Point San Pedro to Pigeon Point

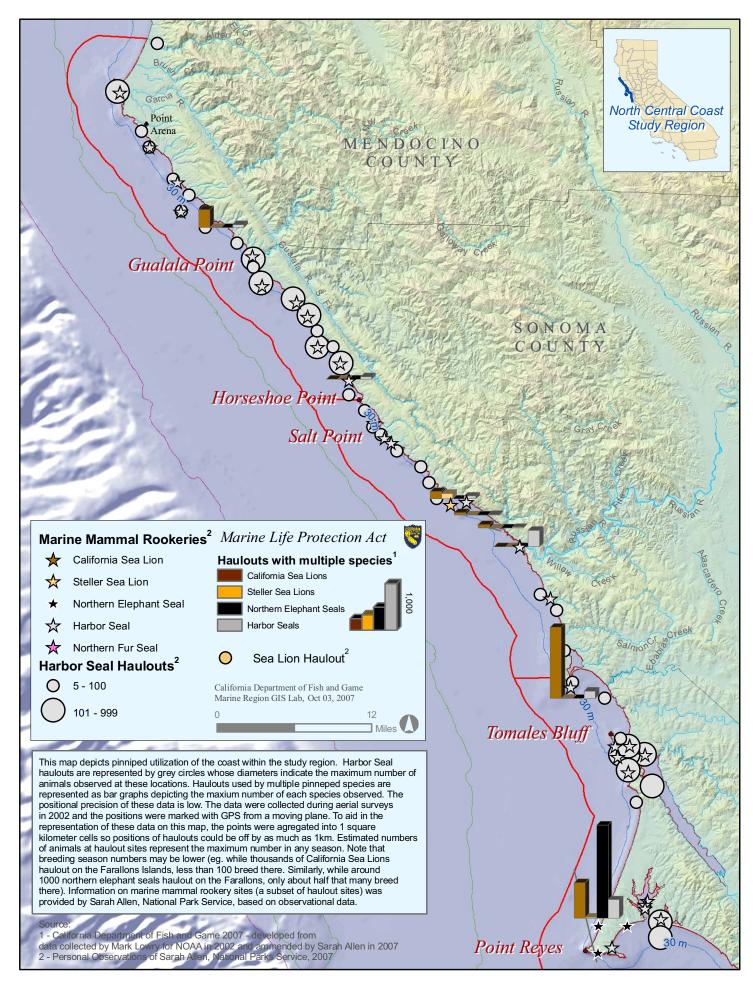


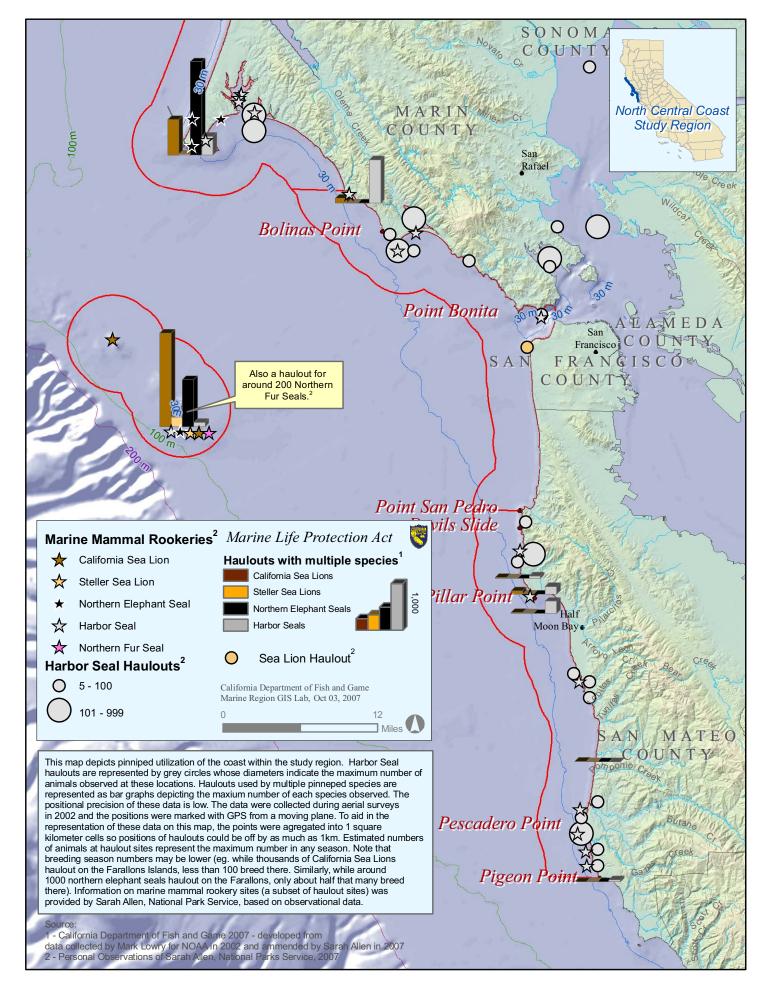
Map 3 f Soft and Hard Bottom Habitats

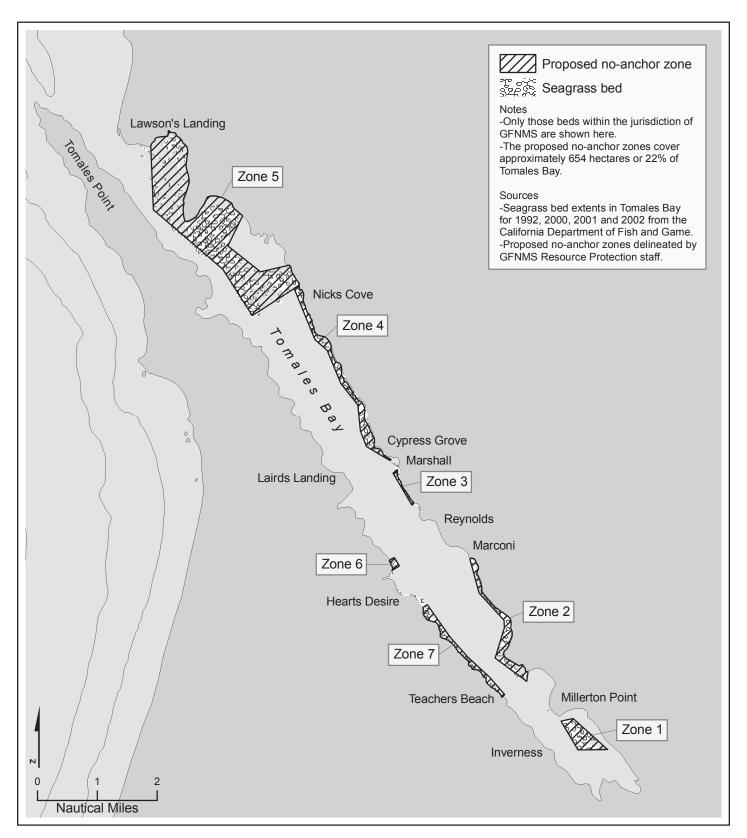












Seagrass Bed Protection Tomales Bay Proposed No-Anchor Zones

Gulf of the Farallones National Marine Sanctuary, California