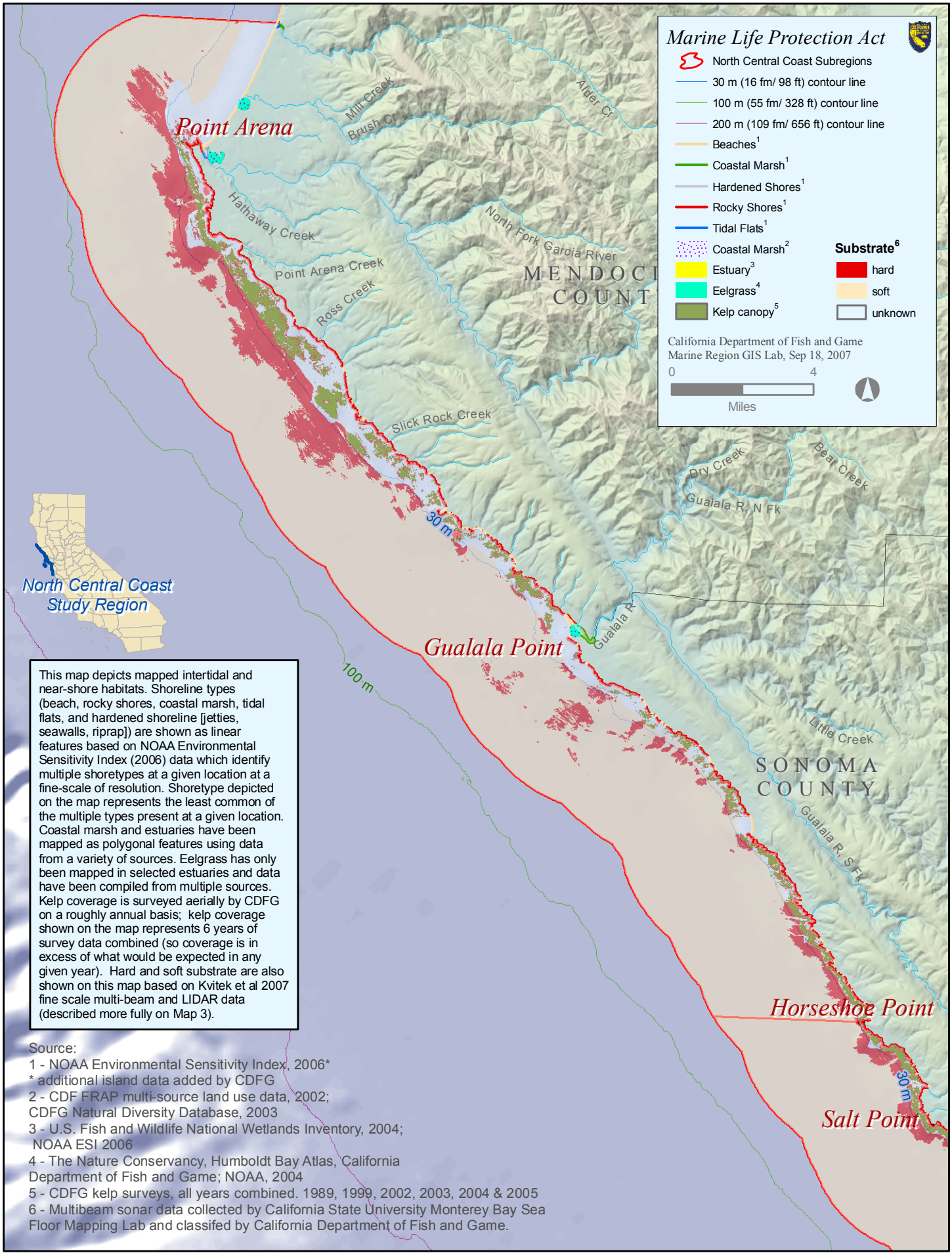

This map depicts mapped intertidal and near-shore habitats. Shoreline types (beach, rocky shores, coastal marsh, tidal flats, and hardened shoreline [jetties, seawalls, riprap]) are shown as linear features based on NOAA Environmental Sensitivity Index (2006) data which identify multiple shoretypes at a given location at a fine-scale of resolution. Shoretype depicted on the map represents the least common of the multiple types present at a given location. Coastal marsh and estuaries have been mapped as polygonal features using data from a variety of sources. Eelgrass has only been mapped in selected estuaries and data have been compiled from multiple sources. Kelp coverage is surveyed aerially by CDFG on a roughly annual basis; kelp coverage shown on the map represents 6 years of survey data combined (so coverage is in excess of what would be expected in any given year). Hard and soft substrate are also shown on this map based on Kvitek et al 2007 fine scale multi-beam and LIDAR data (described more fully on Map 3).

Source:
1 - NOAA Environmental Sensitivity Index, 2006*
* additional island data added by CDFG
2 - CDF FRAP multi-source land use data, 2002; CDFG Natural Diversity Database, 2003
3 - U.S. Fish and Wildlife National Wetlands Inventory, 2004; NOAA ESI 2006
4 - The Nature Conservancy, Humboldt Bay Atlas, California Department of Fish and Game; NOAA, 2004
5 - CDFG kelp surveys, all years combined. 1989, 1999, 2002, 2003, 2004 & 2005
6 - Multibeam sonar data collected by California State University Monterey Bay Sea Floor Mapping Lab and classifed by California Department of Fish and Game.

Map 2 a *Intertidal and Nearshore Habitats* Subregion 1 - Point Arena to Horseshoe Point