NOT INTENDED FOR NAVIGATIONAL USE

showing locations of periodic real-time video observations (dots) and digital still photographs

TRUE NORTH

SCALE 1:50 000

Digital still photograph no. A3 (see fig. 1A for location). Fine sand with biotic complexity is absent, and biocover is low. Biocover includes scattered sand with degraded wave ripples (water depth, 15 m).

Figure 1B. Digital still photograph no. A1 (see fig. 1A for location). Fine to coarse sand with low, biotic complexity is absent, and biocover is low. Biocover includes scattered shells with degraded wave ripples (water depth, 15 m). Abiotic complexity is low, between lasers (red dots are just out of view in this image but are visible in previous video frame) is 15 cm.


Ventura Harbor — Moderate to very high backscatter, low rugosity; typically rock and boulder, rugose

Santa Clara — Moderate to very high backscatter, low rugosity; typically rock and boulder, rugose

34°15’

Figure 2A. Digital still photograph no. B7 (see fig. 2A for location). Cobbles and gravel, with degraded ripple pattern (water depth, 22 m). Abiotic complexity is moderate, biotic complexity is present, and biocover is high. Biocover includes hydroid (h) and gorgonian (g).

Figure 2E. Digital still photograph no. Cam44_Tape41 Image 4846 -11m (as described by Tissot and others, 2006). Reflection, and bottom roughness.


In the context of marine-fisheries management, benthic-habitat complexity can be divided into abiotic (geologic) and biotic (faunal) components. Geologic complexity is determined by the presence of a variety of substrates, using criteria originally described by Tissot and others (2006). In this seafloor-character map, substrates are reported, although individual photographs may show more substrate types. Organisms, when present, are classified into four groups: biocover, biocover with benthic species, biocover with fauna and flora, and no biocover. This classification system relies on the presence or absence of certain species as indicators of habitat complexity. The map shows the locations of the detailed views of seafloor-character mapping southwest of Ventura, California, with special reference to deep sea coral.