Ground-Truth Studies, Offshore of San Gregorio Map Area, California

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2014

U.S. Department of the Interior
California's State Waters limit from NOAA Office of Coast

Detailed view of seafloor character mapped southwest of San Gregorio State

A5

MAGNETIC NORTH

SCALE 1:50,000

is moderate. Biocover includes

sharp-crested ripples in confused

Box D

Beach, Box E

15 cm

Digital still photograph no. E3 (see fig. 5A for location). Mixed

boulders, cobbles, and shell hash overlying rock (water depth, 20 m).

Digital still photograph

Cam12_Tape16 Image 1585 -35m 7

between lasers (red dots are just out of view in this image but are visible in previous video frame) is 15 cm.

sponges (spo), and bat stars (bas). Distance between lasers (red dots are just out of view in

Figure 3H.

Figure 3K.


Rounded to subrounded

photograph no. C8 (see

floor along some of the tracklines (Boxes A through F) that are

of the photographs (colored stars) taken along the tracklines. These photographs, which are representative of the seafloor, are displayed

small areas of moderately to poorly sorted, coarse-grained sand and gravel are located

working with an expanded team of scientists include the exhilaration of exploring the seafloor and being a part of the discovery process.

Between 2006 and 2007, the seafloor in the Offshore of San Gregorio map area in northern California was mapped by Fugro Geotechnical

Ground-truth surveys in the Offshore of San Gregorio map area include approximately 10.5 trackline kilometers of video and 675

Kilometers

ISSN 2329-132X (online)

miles/hour. The sled housed two standard-definition (640×480 pixel resolution) video cameras (one forward looking, the other down-

sled include four digital video camcorders,

throughout the map area in 2007.

Unconsolidated, fine- to medium-grained sand with sharp-crested

digital files. Dimensional calibration may vary between electronic plotters

often rippled and (or) burrowed

and biocover is low. Biocover includes

Box A

Digital still photograph no. C3 (see fig. 3A for location). Rugose

Box B

Digital still photograph no. C6 (see fig. 3A for location). Rounded to

Abiotic complexity is high, biotic complexity is absent, and

Abiotic complexity is low, biotic complexity is missing, and the biocover is moderate. Biocover includes

Figure 1D.

Digital still photograph no. D1 (see fig. 4A for location).

digital still photograph no. A3 (see fig. 1A for location).

Digital still photograph no. B2 (see fig. 2A for location). Interface
m.[122°25’]

Digital still photograph no. F2 (see fig. 5D for location). Corals (cc) and biocover is moderate. Biocover includes

sponges (spo), and bat stars (bas). Distance between lasers (red dots are just out of view in

Digital still photograph no. D3 (see fig. 4A for location).

Digital still photograph no. B4 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. A5 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. D2 (see fig. 4A for location).

Digital still photograph no. B4 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. B3 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. B2 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. B4 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

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Digital still photograph no. D4 (see fig. 4A for location).

Digital still photograph no. A5 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. B4 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. B3 (see fig. 2A for location). Unconsolidated, fine- to medium-grained sand with sharp-crested

Digital still photograph no. D3 (see fig. 4A for location).

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