



MBARI Mapping AUV Survey of Sur Ridge, offshore Point Sur

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Sur Ridge is a north-south oriented, 20-km long, 500-m high ridge located on the continental slope 30 km west of Point Sur. Recent MBARI ROV dives have revealed dense deepwater coral and sponge communities on hard rock outcrops. An MBARI Mapping AUV survey of Sur Ridge conducted from R/V Rachel Carson on August 17-21, 2015, has provided 1-m lateral resolution multibeam bathymetry and chirp sidescan coverage of the entire ridgecrest, along with east-west oriented subbottom profiles.

The maps shown here derive from preliminary data processing immediately following the expedition, as of 25 August 2015.

