

# MBNMS Permit Report

February 2013



**MBNMS-2013-002 - Pending**

**Effective Date:** 02/06/2013

**Expiration Date:** 04/30/2013

**Project Title:** Landscape base factors affecting barnacle settlement in the rocky intertidal: A class project for ENV5 545: Marine Ecological Systems

**Affiliation:** California State University Monterey Bay

**Project Summary:**

In this project, applicant will examine the impact of fine scale landscape features (topography, habitat complexity, geological variation, wave velocity) on spatial variation in larval settlement. Settlement patterns of the barnacles *Cthamalus dalli* and *Balanus glandula* will be measured on settling plates relative to tidal height and variation in geological features. Settlement data collected from the plates will be referenced to an underlying three-dimensional model of the intertidal topography that will be captured using a Trimble Spatial Station. The spatial station provides sub-centimeter resolutions of geological and for this project will allow applicant to determine if topographic variation at the scale of study organism plays a role in driving their settlement patterns. Applicant will also deploy wave force dynamometers to estimate variation in wave force across our measure landscape. Data will then be put into a GIS model where the relationship between barnacle settlement and p

**Latest Event:**

01/31/2013 Permit signed copy received

**MBNMS-2013-001 - Active**

**Effective Date:** 01/05/2013

**Expiration Date:** 04/30/2013

**Project Title:** Fjord Queen II Final Salvage Operation: Removal of engine, transmission, shaft and anchor assembly from the reef at Ross' Cove.

**Affiliation:** High Seas, LLC

**Project Summary:**

The Fjord Queen II went aground on the reef at Ross' Cove near Pillar Point, within the Fitzgerald Marine Reserve and Monterey Bay National Marine Sanctuary, on October 13, 2012. Due to the inaccessible location of the vessel and lack of funding opportunities, it was infeasible to salvage the entire vessel when the incident occurred. Thus, the Fjord Queen II remained on the reef and began to break up in heavy surf around October 18, 2012. As debris from the wreck has continued to wash up on the beach at Ross' Cove over the last 12 weeks, the responsible party, Therese Smith and Barry Day, have worked both personally and with the aid of volunteers from the community to remove the debris and manually carry it off for disposal via a small bluff trail. At this point, the engine, shaft and anchor assembly still remain on the reef and cannot be removed using human power alone. The heaviest object on the reef is the engine, a Detroit 671. The manufacturer's specifications list its weight at 2

**Latest Event:**

01/03/2013 Application deemed complete

**MBNMS-2012-035 - Active**

**Effective Date:** 11/09/2012

**Expiration Date:** 03/31/2013

**Project Title:** Mavericks Invitational Surf Contest

**Affiliation:** Mavericks Invitational Inc.

**Project Summary:**

The proposed activity is the Mavericks Invitational surf contest to be held 1/2 mile off shore at the big wave surf spot known as "Mavericks", between November 9, 2012 - March 31, 2013, on a day that is typically a high surf warning. The event itself will feature 24 invited big wave surfers to compete in the day-long contest. Support boats and rescue PWC's are critical to the safety of this event. In compliance with the requests of local agencies, there will be no spectator area at the beach or bluffs - a critical point that will be used in all of our communications and promotions. To accommodate the fans and crowds that this event draws, the event will include a Mavericks Surf Festival, to be held on the grounds of the Oceano Hotel, that will be the hub for the event.

**Latest Event:**

01/15/2013      Permit signed copy received

**MBNMS-2012-032-A1 - Pending**

**Effective Date:** 02/01/2013

**Expiration Date:** 10/31/2013

**Project Title:** Installation, Repair, and Removal of Water Level Stations in California (CO-OPS TASK 12-04)

**Affiliation:** JOA Surveys, LLC

**Project Summary:**

NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) will be conducting a tide and sea level study in California, November 2012 - March 2013. The project is part of the nationwide NOAA VDATUM program (<http://vdatum.noaa.gov/>). The tide data will be used to support nautical charting, shoreline mapping, and surveying for projects that require accurate vertical heights near the water.

A temporary NOAA tide station will be installed at north end of Pacific Valley (middle Big Sur) along the coast of Los Padres National Forest in California. The temporary tide station will measure accurate water levels for 3 months using precise pressure sensors. NOAA/CO-OPS will calculate tidal datums and harmonic constituents based upon this data.

The data gathered there will enhance marine navigation as well as vertical datum models, coastal planning and management, long-term sea-level assessments, and emergency preparedness.

JOA Survey, LLC (JOA) under contract to NOAA/C

**Latest Event:**

01/17/2013      Amendment signed copy received

**MBNMS-2012-032 - Active**

**Effective Date:** 11/01/2012

**Expiration Date:** 04/15/2013

**Project Title:** Installation, Repair, and Removal of Water Level Stations in California (CO-OPS TASK 12-04)

**Affiliation:** JOA Surveys, LLC

**Project Summary:**

NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) will be conducting a tide and sea level study in California, November 2012 - March 2013. The project is part of the nationwide NOAA VDATUM program (<http://vdatum.noaa.gov/>). The tide data will be used to support nautical charting, shoreline mapping, and surveying for projects that require accurate vertical heights near the water.

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JOA Survey, LLC (JOA) under contract to NOAA/C

**Latest Event:**

01/14/2013 Additional information received