

**Issued and signed MBNMS Permits, Amendments and  
Authorizations (7/27/2022 to 11/3/2023)**

**Report created for the  
November 17, 2023**

**Monterey Bay National Marine Sanctuary Advisory Council Meeting**

**MBNMS-2023-034**

**Permit Type:** Special Use Permit

**Permittees Names (Affiliation):** Michael Dyrland (Aerial DP)

**Project Title:** Aerial filming of John Steinbeck's boat, the *Western Flyer*

**Permitted Activity:** Flying an uncrewed aircraft system (UAS) to capture aerial photography at no less than 20 meters (66 feet) Above Sea Level (ASL), except when launching or landing the UAS from a vessel, for up to two flights per day for up to two days.

**Project Location(s):** within the NOAA regulated overflight zone (NROZ) offshore Moss Landing.

**Permitted dates:** November 4, 2023 through November 6, 2023

**Comments/Notes:** N/A

**MBNMS-2023-031**

**Permit Type:** Special Use Permit

**Permittees Names (Affiliation):** Keith Rootsart (Giant Kelp Restoration)

**Project Title:** Urchinator secret scavenger hunt

**Permitted Activity:** Discharging into the sanctuary (15 C.F.R. § 922.132(a)(2)(i)) and altering the submerged lands of the sanctuary (15 C.F.R. § 922.132(a)(4)) specifically limited to: Placement on the submerged lands and discharge and recovery of up to five hammers with tags.

**Project Location(s):** On non-living substrate at Tankers Reef, offshore of Del Monte Beach in Monterey, CA

**Permitted dates:** October 3, 2023 through November 6, 2023

**Comments/Notes:** N/A

**MBNMS-2023-032**

**Permit Type:** Management Assistance

**Permittees Names (Affiliation):** Josh Silveira (CAL FIRE - San Benito-Monterey Unit)

**Project Title:** CAL FIRE San Benito-Monterey Unit Motorized Personal Watercraft (MPWC) Search & Rescue Training

**Permitted Activity:** Operation of up to three (3) motorized personal watercraft (MPWC), as defined at 15 CFR 922.131, outside of sanctuary managed MPWC operating zones for the purposes of emergency response proficiency training, area familiarization, and maintenance check runs.

**Project Location(s):** Area Familiarization is authorized to be conducted between Asilomar Beach and Soberanes Point (up to 1 statute mile from shore); Operator Training is authorized to be conducted within MPWC Zones for CAL FIRE Training (CAL FIRE MPWC Training Zones) at Carmel, Cypress, and Asilomar/Spanish Bay (as defined in the table below and depicted on the attached maps) and discretionary transit routes (excluding surf zone transit) from Stillwater

Cove (Pebble Beach) or Whaler's Cove (Point Lobos State Marine Reserve). Launching from Monterey Harbor or any other location is prohibited for accessing the CAL FIRE MPWC Training Zones prescribed below; and Maintenance check runs may be conducted only within the Carmel CAL FIRE MPWC training zone (see above location description and attached map for training zone boundaries) or at any MBNMS managed MPWC zone.

**Permitted dates:** September 29, 2023 through December 1, 2025

**Comments/Notes:** Prior permits: MBNMS-2020-027, MBNMS-2017-036, and MBNMS-2016-024 for same activity to previous CAL FIRE management staff.

#### **MBNMS-2023-014**

**Permit Type:** Management Assistance

**Permittees Names (Affiliation):** Julie Vance (California Department of Fish and Wildlife (CDFW))

**Project Title:** Moss Landing Wildlife Area Bank Enhancement Project - Habitat enhancement and public access improvement project located on state-owned Wildlife Area.

**Permitted Activity:** Alteration of and placement on the submerged lands of the sanctuary to recontour a 259-meter (850-foot) section of the bank of Elkhorn Slough, drive excavators during low low tide cycles, and plant eelgrass.

**Project Location(s):** Offshore the southern boundary of the Moss Landing Wildlife Area within Elkhorn Slough in MBNMS.

**Permitted dates:** September 8, 2023 through October 31, 2026

**Comments/Notes:** CDP-3-23-0176

#### **MBNMS-2023-023**

**Permit Type:** Research

**Permittees Names (Affiliation):** Daniel Hoover and Todd Ericksen (United States Geological Survey)

**Project Title:** Assessing sediment dynamics and changes from human activities and storm impacts to the shoreline and sea cliffs of Monterey Bay National Marine Sanctuary

**Permitted Activity:** Operation of motorized personal watercrafts (MPWCs) in tandem, two at a time, outside of designated MPWC zones to collect profile data to determine the rates of net sediment transport; Temporary discharge and recovery of a wave glider for up to about five days; Placement on the submerged lands of the sanctuary of up to two monuments on soft substrate; and Abandonment of one concrete weight of approximately 750 pounds associated with one of the two monuments.

**Project Location(s):** MPWCs may be operated in areas between Santa Cruz to Monterey Harbor and Pillar Point Harbor to Miramar; Tectonic motion monuments may be placed and weights may be abandoned at: Site 1: 37.030319 N, 122.288621 W (location of abandonment of 750-pound concrete weight) and Site 2: 36.902819 N, 121.994099 W (35-pound iron weight used at this location shall be retrieved); and Wave gliders may transit to and from the monument locations at Site 1 and Site 2 within northern Monterey Bay and northward up to Site 1.

**Permitted dates:** September 6, 2023 through July 1, 2026

**Comments/Notes:** MBNMS lead

#### **MBNMS-2022-023-A1**

**Permit Type:** Research

**Permittees Names (Affiliation):** Timothy Pilegard and Bridgit Boulahanis (Bedrock Ocean Exploration, PBC)

**Project Title:** Research and Development of Bedrock Ocean Exploration's unmanned underwater vehicle (UUV).

**Permitted Activity:** Temporary discharge of up to five UUVs during daylight hours for up to 60 operational days per year; Placement on the submerged lands of the sanctuary for one to three buoyed 91 by 91 cm (3-foot x 3-foot) open-ended aluminum boxes (i.e. targets) and an anchor up to 5 kg (11 pounds) per box; Temporary discharge and recovery of the boxes, anchor, line, and surface buoys for up to eight hours; and Abandonment of 385-gram (0.8 pound) emergency ballast weights if the ballast weights must be utilized as part of the emergency procedures.

**Project Location(s):** The temporary discharge of UUVs and emergency abandonment of ballast weights are allowed in offshore waters in MBNMS within the following locations:

1. Within a 1,500-m (1,640 yard) radius of 36.7207, -121.8267 (offshore of CEMEX plant in Marina, CA)
2. Within a 500-m (547 yard) radius of 36.6152, -121.8691 (offshore of the Monterey Tides Hotel and Monterey State Beach in Monterey, CA)
3. Within a 500-m (547 yard) radius of 36.8028, -121.7924 (offshore of Monterey Bay Aquarium Research Institute in Moss Landing, CA)
4. Within a 2,000-m (2,187 yard) radius of 36.7918, -121.8382 (over Monterey Canyon and offshore of Salinas River State Beach in Moss Landing, CA)
5. Within a 2,000-m (2,187 yard) radius of 36.6145, -121.8823 (Monterey Shale Beds, offshore of Del Monte Beach)

The placement of the aluminum boxes and anchors and temporary discharge and recovery of the boxes, anchors, line, and surface buoys are allowed in offshore waters in MBNMS within the following locations:

1. Within a 1,500-m (1,640 yard) radius of 36.7207, -121.8267 (offshore of CEMEX plant in Marina, CA)
2. Within a 500-m (547 yard) radius of 36.6152, -121.8691 (offshore of the Monterey Tides Hotel and Monterey State Beach in Monterey, CA)

**Permitted dates:** August 15, 2023 through December 31, 2024

**Comments/Notes:** pre-survey notifications are required

#### **MBNMS-2023-024**

**Permit Type:** Special Use Permit

**Permittees Names (Affiliation):** Asher Flatt and Tilly Prior (BBC Natural History Unit)

**Project Title:** Filming of scenic landscape aerials for the series "The Americas."

**Permitted Activity:** Flying an Unmanned Aircraft System (UAS) to capture aerial photography at no less than 73 meters (240 feet) Above Sea Level (ASL), except when launching or landing the UAS from a vessel.

**Project Location(s):** offshore of Bixby Bridge within the NOAA regulated overflight zone (NROZ) offshore Big Sur, and offshore of the vicinity of Post Mile 61 on Highway 1 within the NROZ offshore Big Sur.

**Permitted dates:** September 11, 2023 through September 14, 2023

**Comments/Notes:** The ONMS permit indicates the permittees should apply for a Sea Otter Refuge Flyover Authorization from CDFW to fly below 305 meters (1,000 feet) over the Sea Otter Game Refuge in Big Sur. In addition, the permitted activities must be monitored by an environmental monitor. Pre-survey notifications are required

#### **MBNMS-2023-017**

**Permit Type:** Research

**Permittees Names (Affiliation):** Jason Clark and Dr. Elliott Hazen of Southwest Fisheries Science Center (SWFSC)

**Project Title:** Ecosystem-based management in the California Current.

**Permitted Activity:** Flying one (1) uncrewed aircraft systems (UAS) at a time at no less than 61 meters (200 feet) above sea level (ASL) to conduct an average of approximately two low overflights per month in NOAA regulated overflight zones within MBNMS.

**Project Location(s):** NOAA regulated overflight zone offshore Moss Landing and Salinas River State Beach and within the NOAA regulated overflight zone offshore of Garrapata State Park in Big Sur.

**Permitted dates:** August 23, 2023 through May 1, 2025

**Comments/Notes:** pre-survey notifications are required

## **MULTI-2023-006**

**Permit Type:** Research

**Permit Holder Name (Affiliation):** Shreya Banerjee (University of California, Davis)

Project Title: Adaptive capacity and range shifts in ribbed limpets, *Lottia digitalis* and *L. austrodigitalis*.

**Permitted Activity:** Temporary discharge of epoxy and up to three Robo-limpet temperature loggers per site identified below in the "Permitted Activity Location" and recovery of epoxy and Robo-limpet temperature loggers; and Alteration of the submerged lands of the sanctuaries during placement of and removal and recovery of the epoxy and Robo-limpet temperature loggers using a screwdriver; and incidental alteration of the submerged lands as a result of temporary removal of live ribbed limpets using a microspatula or small paint scraper.

**Project Locations:** South of Point Arena, Kruse Ranch, Fort Ross, Bodega Reserve, and Bolinas Point within GFNMS and Fitzgerald, Pescadero State Beach, Pigeon Point, and Point Lobos in MBNMS

**Permitted dates:** September 1, 2023 through July 31, 2025

**Comments/Notes:** MBNMS lead

If you are interested in learning more about a specific permit, amendment or authorization action, please contact:

**Sophie De Beukelaer**

Permit Coordinator and GIS Specialist  
Monterey Bay National Marine Sanctuary  
99 Pacific Street, Building 455A  
Monterey CA 93940  
Phone: (831) 647-1286  
[sophie.debeukelaer@noaa.gov](mailto:sophie.debeukelaer@noaa.gov)