

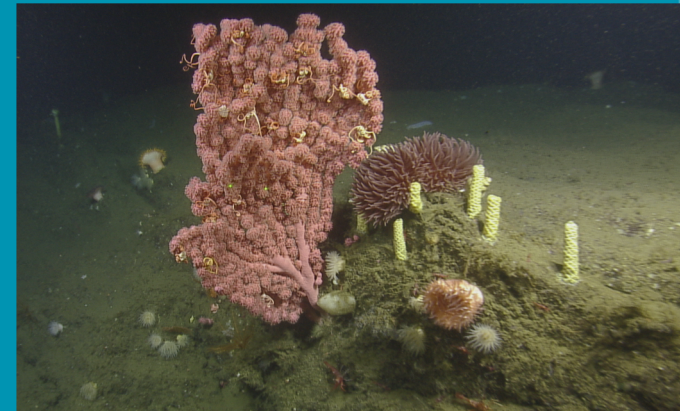
GFNMS Superintendent's Report

Maria Brown



Conservation Science

- Condition Report
- Beach Watch surveys back to single household, 65% coverage
- ACCESS cruise scheduled for April
- SAC is invited to join GFNMS staff for a virtual presentation on Oct. *Nautilus* cruise March 3
- LiMPETS contributes data to CA MPA network



GFNMS Superintendent's Report

Maria Brown



Operations

- Maximum telework until further notice. Facilities and Visitor Center remain closed to the public
- Continuing in Phase 0 of re-entry until further notice
- GFNMS celebrated 40th Anniversary



GFNMS Superintendent's Report

Maria Brown



Online Education

- Fall online school programs served 2,416 students, 70 classes
- Oceans After Schools providing online programming to 155 students (to primarily underserved students)
- Tidepool Adventure Family Workshop highlighting proper tidepool etiquette (38 participants)
- LiMPETS serving 1,044 students; held teacher focus group for feedback



GFNMS Superintendent's Report

Maria Brown



Ocean Climate Program

- New Administration's climate priorities
- Staff co-facilitated and participated in 3-day workshop on sanctuary climate data needs, opportunities
- Staff joined panel on climate change and marine life hosted by the American Cetacean Society
- North-central California Sediment Coordination Committee highlighted as model



GFNMS Superintendent's Report

Maria Brown



Ecosystem Protection

- The Seabird Protection Network presented on fishing line recycling program at Wildlife Disturbance Symposium
- Kelp Program completed largest coastal UAV mapping project in CA to assess drones for restoration
- Vessel Speed Reduction season concludes with increased participation
- Marine debris and seabird disturbance behavioral change study webinar for SAC



Permit Type	Organization	Project	Effect. Date
Research	Norah Eddy (Nature Conservancy) and Rietta Hohman (Greater Farallones Association)	Unmanned Aerial System surveys of bull kelp canopy along Sonoma and Mendocino county coastline (At 11 sites within GFNMS NOAA Regulation Overflight Zones 1 and 2 along the Sonoma Coast)	Nov. 23, 2020 to Nov. 1, 2022
Research	Dr. Alexandra Boehm and Mr. Chris Francis (Stanford University)	The sandy beach microbiome: physical, chemical and biological controls on diversity and function (Within GFNMS, at one field site on Stinson Beach (at the end of Calle del Resaca)	Dec. 7, 2020 to Dec 31, 2023
Education	James Manistry (Plimsoll Productions)	Nature's Magical Kingdom (Within MBNMS, in the NOAA Regulated Overflight Zone at Año Nuevo)	Jan. 23, 2021 to Mar. 31, 2022
Research	Dr. Brent Hughes (Sonoma State University) and Dr. John Largier (UC Davis / Bodega Marine Lab)	A Framework for Condition Assessment and Monitoring of Estuary MPAs in California (Within GFNMS, at Bolinas Lagoon)	Feb. 1, 2021 to Dec 31, 2022
Under Review			
TBD	Brian Wells (NOAA Fisheries)	Salmon-oriented ecosystem monitoring in the California Current using autonomous survey technology (location TBD)	TBD

Enforcement Update



Recent Enforcement Activity

1) Starcraft motorboat grounding (south of Pinnacle Gulch)

Date of Incident: 12/6/20

Status: Vessel debris removed by Sonoma County Regional Parks, RP, and a local citizen. Incident referred to OLE who assisted with RP and agency communications. No further enforcement action recommended.

2) Chevron Long Wharf pipeline leak (OUTSIDE GFNMS in SF Bay)

Date of incident: 2/9/2021

Status: USCG, CDFW, RP, and other agencies responded. No oiled wildlife or tarballs detected within GFNMS.