

2-216-A Site Summary - Double Point and Stormy Stack**2-216-A****County:** Marin **ACP Division/Segment:** MR - K - S003**NOAA Chart:** 18640 / 18680**Map Book:** Marin County**Decimal Degrees:** 37.947563 -122.782212**Site Description:**

Located within Pt. Reyes National Seashore and Greater Farallones National Marine Sanctuary along the east shore of Drakes Bay. Approximately 16 nautical miles upcoast of the Golden Gate. Site includes the two rocky points known as Double Point, the cove between the points, and the large offshore rock known as Stormy Stack. Site is within the following State Marine Protected Areas: Double Point/Stormy Stack Rock Special Closure. Site is associated with BLM Ca Coastal National Monument resources. Double Point is a wave-cut rock platform with mixed sand/gravel beaches on both sides of the two points and in the cove in-between. Stormy stack is an exposed flat-top island with steep rocky cliffs approximately 800 yds off the northern point of Double Point. Washrocks can be found inside the cove and around both points.

Resources at Risk:*ESI and Habitat:* 1C Exposed rocky cliffs with boulder talus base

2A Exposed wave-cut platforms in bedrock, mud, or clay

5 Mixed sand and gravel beaches

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	common murre	FP	Year-round	Mar-Jul
Birds	Brandt's cormorant	FP	Year-round	Mar-Jul
Birds	pelagic cormorant	FP	Year-round	Mar-Jul
Birds	pigeon guillemot	FP	Year-round	Mar-Jul
Birds	brown pelican	FP, SP	Year-round	Mar-Jul
Birds	Ashy storm petrel	SSC	Year-round	Mar-July
Mammals	California sea lion	FP	Year-round	Aug-Mar
Mammals	harbor seal	FP	Year-round	Apr-Jul

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
O	/Agency Representative, 24-hr	California Coastal Commission	(415) 693-8375
O	/Dispatch, 24-hr	California State Parks	(916) 358-1300
O	/Emergency Service Coordinator	Marin County Office of Emergency Services	(415) 250-0267
O	/Dispatch, 24-hr	Marin County Sheriff's Department	(415) 479-2311
T	/Natural Resources Specialist	BLM, CA Coastal National Monument	(831) 582-2200
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 678-4943
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 479-5311
T	/Dispatch, 24-hr	US National Park Service, Golden Gate NRA	(415) 561-5505
T	/Park Ranger, 24 hr	US National Park Service, Point Reyes	(415) 464-5175

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

A large colony of various seabirds utilize this area. A variety of pinnipeds haul out and pup in this area as well.

Concerns and Advice to Responders:

Principal concerns are oil contamination and response activity impacts to seabirds, marine mammals, and other vulnerable intertidal plants and wildlife which are present throughout the year. The primary objective is to minimize exposure of oil to the natural resources present at the site. Avoid low flying aircraft/helicopters (<1000 ft) over the seabird colonies and marine mammal haulout areas. Avoid noisy boat traffic near the site.

Hazard and Restrictions:

Heavy surf, large swell and washrocks common at this site. Steep cliffs.

Site Strategies:**Site Validation Level: 0**

Strategy: 2-216.1 Objective: on-water and off shore response

Strategy: This site is difficult to protect as is most of the outer coast. Mechanical shoreline protection techniques are not likely to be effective because of high wave energy and rocky conditions at this site.

- a) Recommended response strategy is on-water containment and recovery.
- b) Pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resources

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Strategy: 2-216.2 Objective: Deflect when sea conditions permit: to avoid oil stranding on rocky shoreline and contaminating seabird and marine mammal use areas.

Strategy: If sea conditions allow, deploy ocean boom off north or south points of headland to deflect oil away. Deploy boom off rocky points near seal haul-out coves to deflect oil from beach.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Ocean Boom	36X36 inch		1000	feet	
Anchor	Danforth	50 lb		11		
Vessel	Boom Boat			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			5		

Logistics:

Directions: No road access. Accessible only by hiking trail or by boat.

Land Access: No vehicular shoreline access. Contact NPS Personnel for access.

On-Water Limitations: Heavy surf and large swell common at this site. Closest boat ramp is in Bolinas Lagoon or San Francisco Bay (Horseshoe Cove).

Facilities, Staging Areas, Command Posts, Available Equipment: Staging on-water only.

Communications Problems: Cell reception varies.

Additional Operational Comments: Date developed: March 1995, site strategy has not been deployed or tested.

