Gull Island, CCI-09

Center of map at 59° 50.45' N Lat., 152° 59.34' W Lon.

Map & Photo Legend

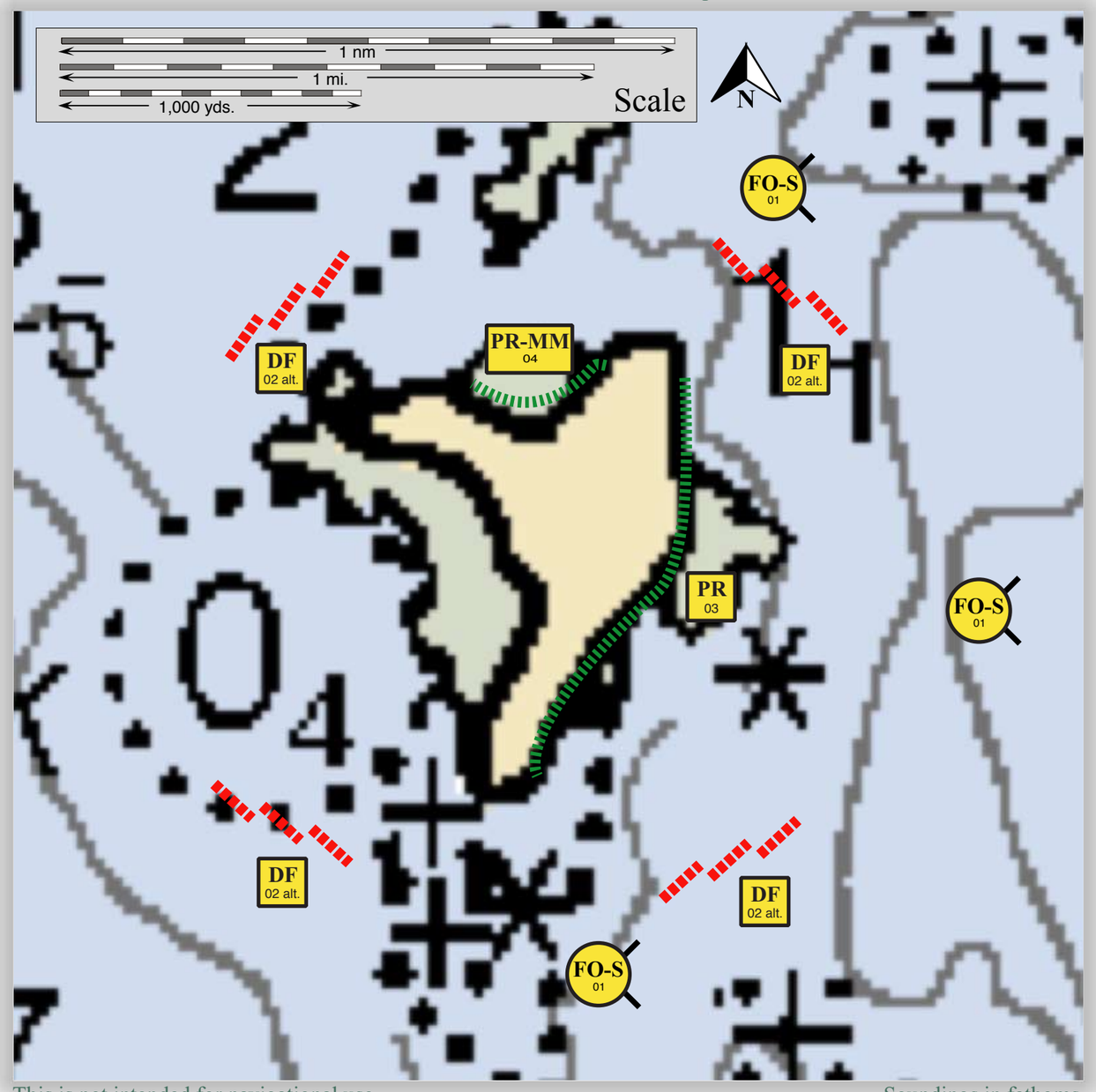
Seal haul out beaches on Gul Island viewed from the north.

Gull Island, CCI-LCNP-09-01 as viewed from the Northwest.

- FO-S — Free-oil Recovery
- DF — Deflection Booming
- PR — Passive Recovery
- PR-MM — Passive Recovery - Marine Mammal
- Protected-water Boom
- Passive Recovery Boom

Gull Island viewed from the west.

Geographic Response Strategies for *Central Cook Inlet/Lake Clark National Park*



This is not intended for navigational use.

Soundings in fathoms

December 28, 2010

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

NUKA Research & Planning Group, LLC.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
CCI-09-01 FO-S	**Gull Island** Nearshore waters in the general area of: Lat. 59º 49.99 N Lon. 152º59.42 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Gull Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Chinitna Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas and as it is deflected from the island.	Homer Harbor or designated marine staging	Via marine waters Chart 16661-1	Same as CCI-09-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
CCI-09-02 DF	**Gull Island** In the general area of: Lat. 59º 50.11 N Lon. 152º59.23 W	**Deflection** Deflect incoming oil away from Gull Island shoreline and back into the channel for free-oil recovery.	Due to Gull Islands exposed location, this tactic should be implemented in calm sea states and should be removed if the weather deteriorates. Using aerial survey, determine the trajectory of the oil and its possible impact on the island. Deploy boom and anchor system with skiffs (class 6). Cascade 5 X 300 ft. sections of protected-water boom off-shore at a proper angle to deflect oil from the shoreline of Gull Island. Anchors should be set and ready for switching the array with the change in tides. Tend throughout the tide.	**Deployment** **Equipment** 1500 ft. protected-water boom 15 ea. medium anchor systems **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 5 ea. vessel crew **Tending** **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew	Vessel platform	Via marine waters Chart 16661-1	Birds-waterfowl concentration Marine mammals- seals Human use- commercial fishing, subsistence, high recreation use Habitat- Sheltered rocky shores, exposed rocky shores	Vessel master should have local knowledge. Local bear viewing lodges may provide local knowledge and support for operations. Site surveyed: 9/12/10 During winter months formation of pan ice in the bays may occur during colder periods. In the event of ice conditions, focus on free-oil recovery. Tested: not yet
CCI-09-03 PR	**Gull Island** a. Lat. 59º 50.41 N Lon. 152º59.23 W b. Lat. 59º 50.52 N Lon. 152º59.40 W	**Passive Recovery** Place and secure passive recovery along the shoreline of Gull Island	Use skiffs (class 6) to approach the island and stage the sorbents. Place and anchor snare line or sorbent boom along the shoreline of Gull Island. Replace as necessary to maximize the recovery. Boom Lengths: a. 1800 ft. b. 700 ft.	**Deployment** **Equipment** **2500 ft. snare line or sorbent boom** **12 ea. anchor stakes** **Vessels/Personnel/Shift** **Same as CCI-09-02** **Tending** **Vessels/Personnel/Shift** **Same as CCI-09-02**	Vessel platform	Via marine waters Chart 16661-1	Same as CCI-09-02	Use snare line for persistent oils and sorbent boom for non-persistent oils. Tested: not yet
CCI-09-04 PR	**Gull Island** Actual location of this protection strategy will depend on field assessment at the time of deployment. In the general area of: Lat. 59º 50.41 N Lon. 152º59.23 W	**Passive Recovery-MM** Mininmize impact to marine mammal haulouts. Deploy after consulting with NMFS.	If seals are present on the beaches of Gull Island, broadcast sorbent material on haulout immediately prior to or after oil spill impact. Monitor after each high tide and replace as necessary. Minimize disturbance of marine mammals.	**Deployment** **Equipment** Broadcast sorbent materials 1 ea. broadcasting system **Vessels/Personnel/Shift** Same as CCI-09-02 **Tending** **Vessels/Personnel/Shift** Same as CCI-09-02	Vessel platform	Via marine waters Chart 16661-1	Same as CCI-09-02	Consult with the National Marine Fisheries Service prior to implementing this tactic.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Cook Inlet Sub-Area Contingency Plan: http://www.akrrt.org/cookinletplan/cookinletplantoc.shtml