

# Map & Photo Legend



Ariadne Cove SZ-24, viewed from the northwest.



Free-oil Containment and Recovery, Shallow Water



Exclusion Booming



Passive Recovery and Debris Removal



Protected-water Boom



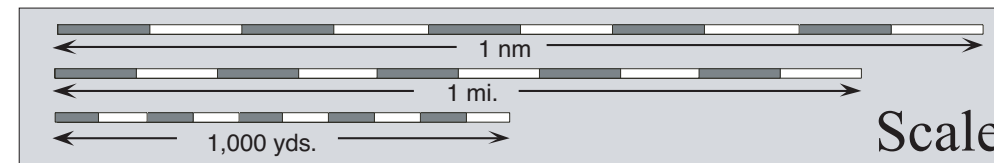
Snare Line



Helicopter Landing Zone

## Ariadne Cove, SZ-24

Center of map at 59° 28.5' N Lat., 150° 30.8' W Lon.



Scale



Surprise Bay

Ariadne Island



FO-S  
SZ-24-01

EX  
SZ-24-02

EX  
SZ-24-03

PR  
SZ-24-04

(H)

Ariadne Cove

NUKA BAY

This map is not intended to be used for navigation.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SZ-24-01	<b>Ariadne Cove</b> Nearshore waters in the general area of:  Lat. 59° 28.6 N Lon. 150° 31.7 W	<b>Free-oil Recovery-Shallow Water</b>  Maximize free-oil recovery in the offshore & nearshore environment of Ariadne Cove depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Ariadne Cove.  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.	Seward	Via marine waters  Chart 16682-1	Same as SZ-24-02	Vessel master should have local knowledge.  REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.  Site surveyed 9/06/02 GRS WG.
SZ-24-02	<b>Ariadne Cove</b> Lat. 59° 28.53N Lon. 150° 31.32 W	<b>Exclusion</b>  Exclude oil from entering Ariadne Cove.	Transport equipment by vessel (class 2/3/4).  Deploy anchors and boom with fishing vessels and skiffs (class 3/4/6).  Place protected-water boom across area from Ariadne Island to the shore.  Tend throughout the tide.	<b>Deployment Equipment</b> 1500 ft. protected-water boom 6 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes <b>Vessels</b> 1 class 2 (transport) 1 class 3/4 1 class 6 <b>Personnel/Shift</b> 9 ea. vessel crew <b>Tending Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew	Vessel platform	Via marine waters, helicopter  Chart 16682-1  Title 16 permitting required from ADF&G.	Fish- intertidal spawning, salmon  Marine mammals-sea otters, seals  Birds- waterfowl feeding and nesting (June-Sept.), eagle nesting (May-Sept.), seabird feeding (year round)  Habitat-sheltered tidal flats, eelgrass, intertidal resources- mussels, sheltered rocky shoreline  Human use- high recreation use	Vessel master should have local knowledge.  The surrounding lands are property of the Port Graham Village Corporation. Contact the Corporation as soon as possible for permitting to conduct shore-side activities. Conducting any on-shore activity in the surrounding area beyond the scope of this document requires the express consent of the Port Graham Village Corporation.  Site surveyed: 9/06/02 GRS WG  Tested: not yet
SZ-24-03	<b>Ariadne Cove</b> Lat. 59° 28.82 N Lon. 150° 30.82 W	<b>Exclusion</b>  Exclude oil from entering Ariadne Cove.  Use this tactic in the event that oil enters Surprise Bay.	Transport equipment by vessel (class 2/3/4) from Seward.  Deploy anchors and boom with vessels (class 3/4/6).  Place protected-water boom from the shore to Ariadne Island.  Tend throughout the tide.	<b>Deployment Equipment</b> 1200 ft. protected-water boom 4 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SZ-24-02 <b>Tending Vessels/Personnel/Shift</b> Same as SZ-24-02	Vessel platform	Via marine waters  Chart 16682-1	Same as SZ-24-02	Vessel master should have local knowledge.  Site surveyed: 9/06/02 GRS WG  Tested: not yet
SZ-24-04	<b>Ariadne Cove</b> Lat. 59° 28.44 N Lon. 150° 30.47 W	<b>Passive Recovery</b>  Minimize impact to the tidal flats in Ariadne Cove through the use of passive recovery of oil.	Transport equipment by vessel (class 3/4) from Seward.  Place and anchor snare line or sorbent boom in front of the eel grass at the head Ariadne Cove.  Replace as necessary to maximize the recovery.  Tend throughout the tide.	<b>Deployment Equipment</b> 1200 ft. snare line or sorbent boom 24 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SZ-24-02 <b>Tending Vessels/Personnel/Shift</b> Same as SZ-24-02	Vessel platform	Via marine waters  Chart 16682-1	Same as SZ-24-02	Use snare line for persistent oils and sorbent boom for non-persistent oils.  Site surveyed: 9/06/02 GRS WG