

Map & Photo Legend



SE06-07 Dundas Bay entrance looking towards the northwest.



SE06-07-04 Looking north at a stream in Dundas Bay.



SE06-07-02 & 03 Looking northwest at the islands in Dundas Bay



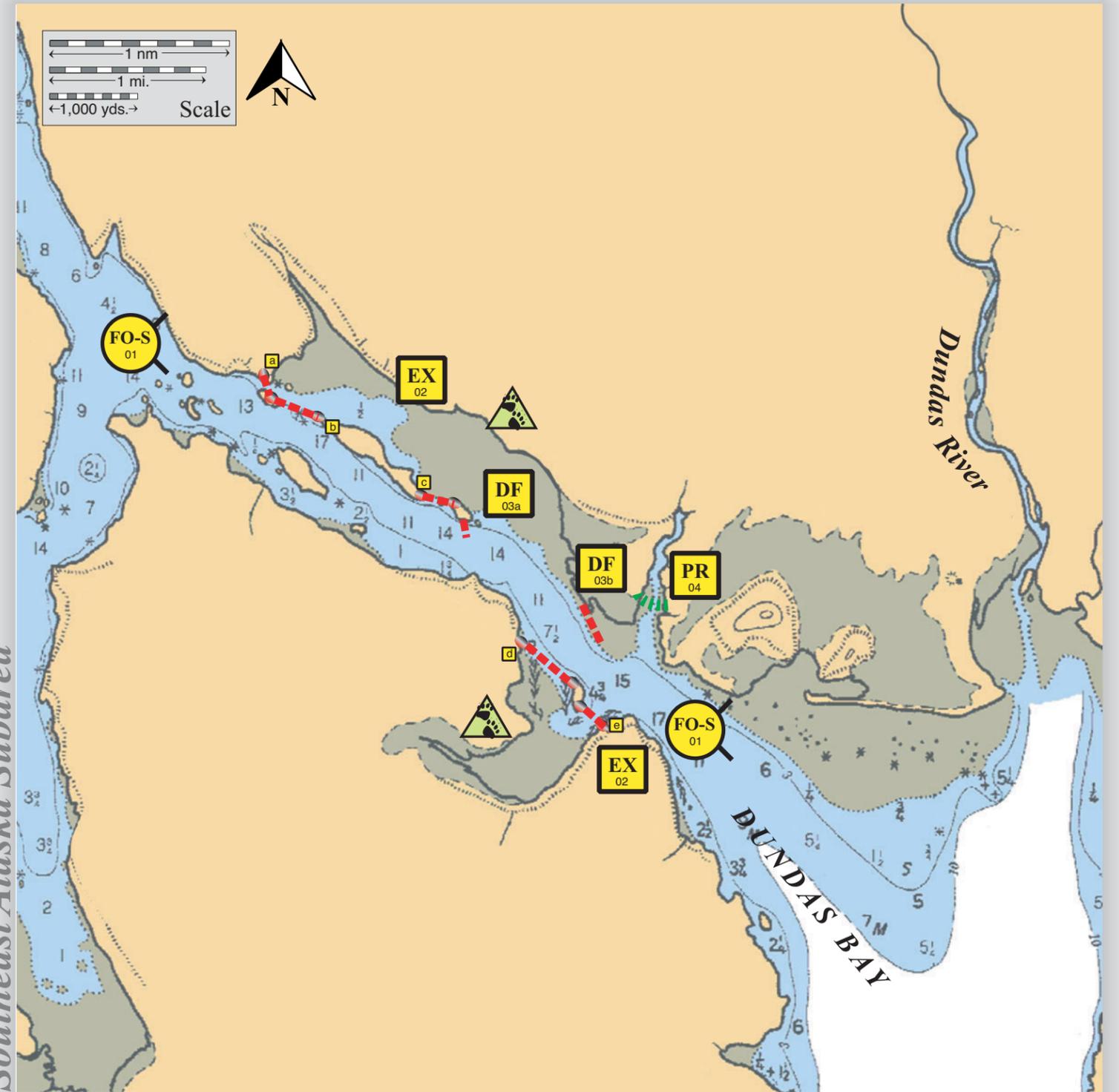
SE06-07-02d&e Looking southwest in Dundas Bay.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Deflection Booming, Fixed
- Passive Recovery and Debris Removal
- Protected-water Boom
- Snare Line
- Tidal-seal Boom
- Bears in Area, Guards Needed

Geographic Response Strategies for Southeast Alaska Subarea

Dundas Bay, SE06-07

Center of map at 58°27' N Lat., 136° 31' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE06-07-01	Dundas Bay (confluence of NW and SW arms) at: Lat. 58° 24.05 N Lon. 136° 28.4 W	Free-oil Recovery Maximize free-oil recovery in near the source of the spill. Note: The confluence is a choke point and poses the highest risk of a grounding of the areas in Dundas Bay.	Deploy free-oil recovery strike teams in areas immediately adjacent to the vessel casualty. Use aerial surveillance to locate areas of heavy slick concentrations.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Bartlett Cove, Glacier Bay National Park, or Gustavus	Via marine waters.	Marine mammals-harbor seals Fish-intertidal salmon spawning (pink, chum) (summer-fall) Birds-waterfowl and shorebirds (year-round) Habitat-marsh, tidal mudflats and wetlands Human use-high recreational use Land management-National Park Terrestrial mammals-bears	Bear hazard along shoreline. See Figure G-3-12 for equipment locations.
SE06-07-02	Dundas Bay (confluence of NW and SW arms) Between islets along northeast & southeast shoreline at: a. Lat. 58° 24.0 N Lon. 136° 27.4 W b. Lat. 58° 23.8 N Lon. 136° 27.0 W c. Lat. 58° 23.3 N Lon. 136° 25.4 W d. Lat. 58° 22.4 N Lon. 136° 24.3 W e. Lat. 58° 22.15 N Lon. 136° 23.7 W	Exclusion Exclude oil from entering wetlands north of islets.	Use class 2 and class 3/4 vessels with deck space to transport equipment. Place protected-water boom, with tidal-seal on each end between islets using class 6 skiffs. Boom should roughly follow the line of the channel. <u>Boom Arrays</u> a. 500 ft. b. 1500 ft. c. 1000 ft. d. 3000 ft. e. 800 ft.	Deployment Equipment 6800 ft. protected-water boom. 9 ea ~40 lbs. anchor systems for boom every 500 feet. 10 ea. 50 ft. of tidal-seal boom units 10 ea. Anchor stakes Vessels 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel Shift 18 ea. vessel crew Tending Vessels 1 ea. class 3/4 2 ea. class 6 Personnel/Shift 5 ea vessel crew	Bartlett Cove, Glacier Bay National Park, or Gustavus	Via marine waters.	See SE06-07-02	Bear hazard along shoreline. This area is located in Glacier Bay National Park. Title 41 permit may be necessary. Contact ADNR. FOSC Historic Properties Specialist should MONITOR on-site operations. See Figure G-3-12 for equipment locations. Tested: not yet Surveyed: 5/15/02 NPS, TLR
SE06-07-03	Dundas Bay (confluence of NW and SW arms) a. Lat. 58° 23.2 N Lon. 136° 25.0 W b. Lat. 58° 22.7 N Lon. 136° 23.8 W	Deflection Deflect non-persistent oils away from wetlands and mudflats.	Deploy 1500 ft. of boom at angle appropriate for current velocity. Heaviest concentration of oil is likely to be from northeast. a. 300 ft. b. 1200 ft. (three 400 ft. arrays)	Deployment Equipment 1500 ft. protected-water boom. 4 ea. ~40 lbs. anchor systems. 7 ea ~40 lbs. anchor systems for securing boom every 500 ft. 1 ea. anchor stakes Vessels/Personnel/Tending Use resources listed in SE06-07-02	See SE06-07-02	See SE06-07-02	See SE06-07-02	See SE06-07-02 Located in a National Park. Tested: not yet Surveyed: 5/15/02 NPS, TLR
SE06-07-04	Dundas Bay Old Dundas River mouth (fossil river) Lat. 58° 22.7 N Lon. 136° 23.8 W	Passive Recovery Minimize impact to designated area through passive recovery using snare line or sorbent boom.	Place 500 ft. snare line or sorbent boom across mudflats. Anchor with stakes. Replace oiled sections as needed. Use snare line for persistent oils and sorbent boom for non-persistent.	Deployment Equipment 500 ft. snare line or sorbent boom 10 ea. anchor stakes Vessels / Personnel / Tending Use resources listed in SE06-07-02	See SE06-07-02	See SE06-07-02	See SE06-07-02	See SE06-07-02