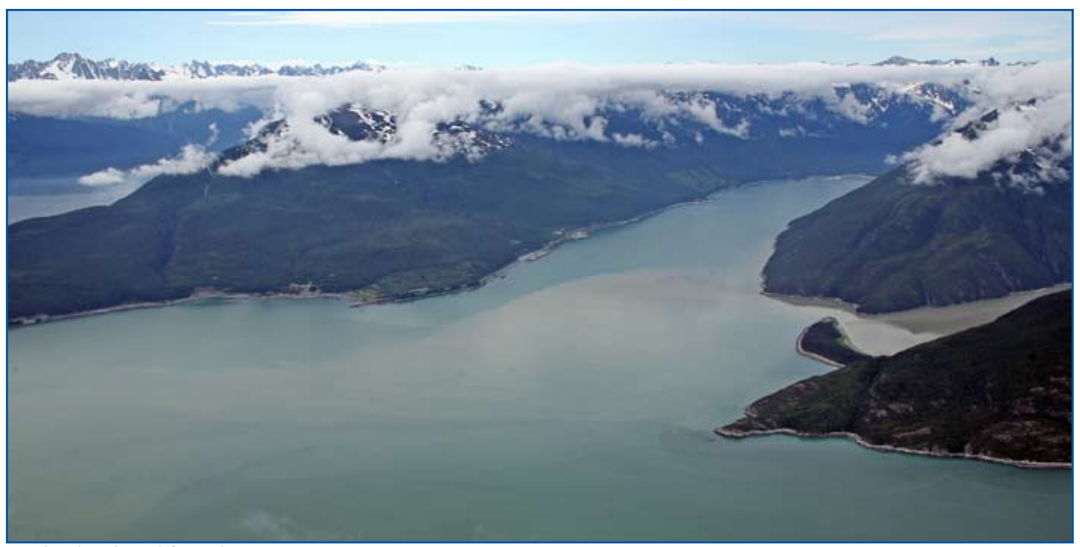
Lutak Dock and Ferry Terminal viewed from the east.

D-08-01 Port Chilkoot Warf viewed from the east.

Sullivan Island Anchorage viewed from the northwest.

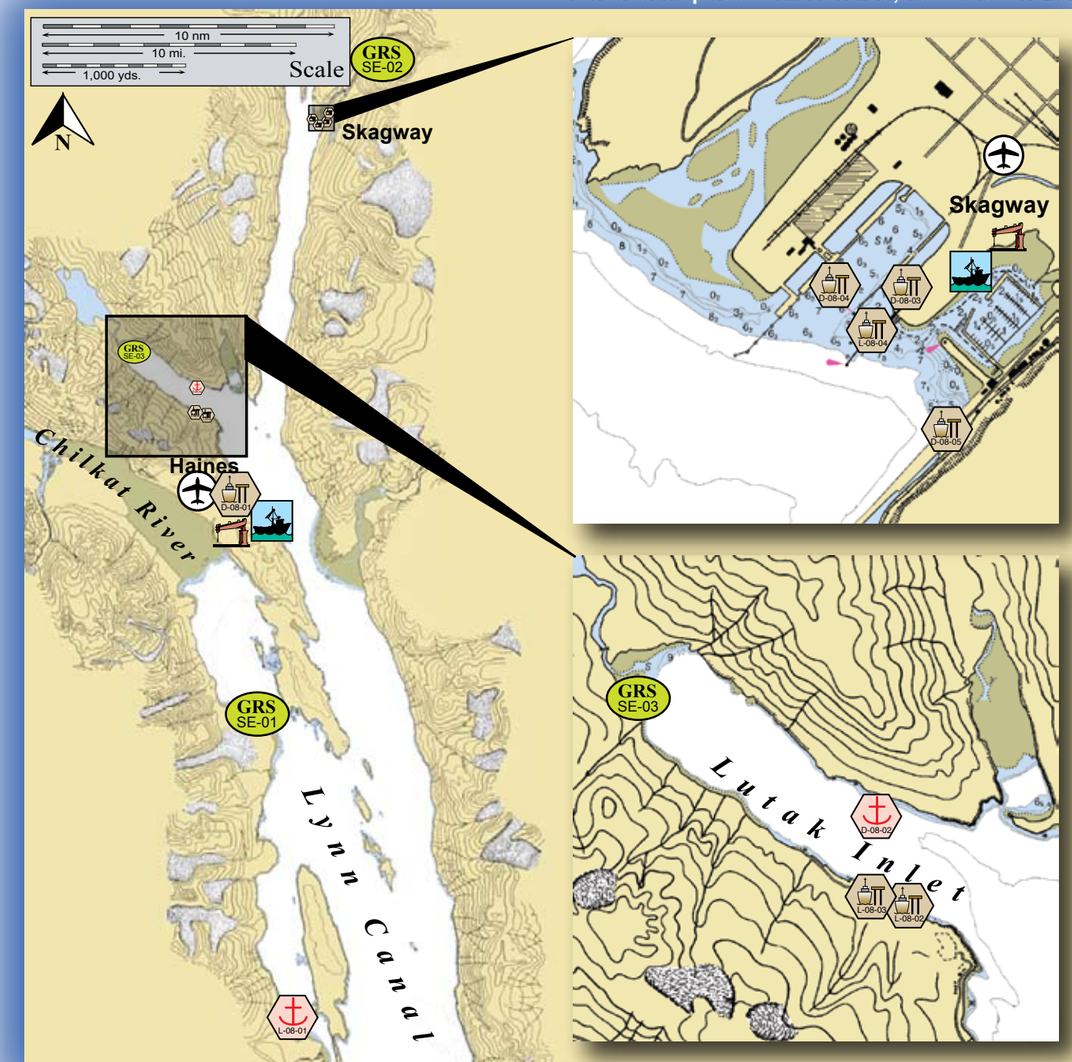
Skagway port facilities viewed from the north.



Lutak Inlet viewed from the east.

# Potential Places of Refuge *for Southeast Alaska Subarea*

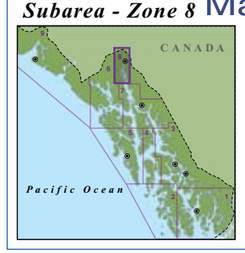
Center of map at 59° 12.41' N Lat., 135° 03.80' W Lon.




This is not intended for navigational use.

Soundings in fathoms

## Locator Map




## Legend Map

- Anchorage
- Mooring
- Dock/pier
- Crane
- Airport
- Existing GRS
- Fish Hatchery
- Private Cabins
- Public Use Cabins
- Boat Harbor

# Southeast PPOR Map 08

*USGS 1:77,812K Quadrangle*
*Map Reference - Lynn Canal Point Sherman to Skagway - 17317_1*

# Site Information for Southeast Alaska PPOR Map 08

## Site Considerations for PPOR Zone 08 of the Southeast Alaska Subarea

| | Port Chilkoot Wharf | Lutak Inlet Anchorage | Broadway Dock | Ore Dock | Railroad Dock | Sullivan Island | Haines Ferry Terminal/Lutak Dock | Haines Municipal Dock | Skagway Ferry and Barge Terminal |
|---|---|---|---|---|---|---|---|---|---|
| **ID Number** | **D-08-01** | **D-08-02** | **D-08-03** | **D-08-04** | **D-08-05** | **L-08-01** | **L-08-02** | **L-08-03** | **L-08-04** |
| Human Health & Safety | | | | | | | | | |
| Community-distance to (nm) | 0 to Haines | 6 to Haines | 0 to Skagway | 0 to Skagway | 0 to Skagway | 21 to Haines | 3 to Haines | 3 to Haines | 0 to Skagway |
| Health Care Facilities | Community Clinics in Haines and Skagway with emergency services | | | | | | | | |
| Natural Resources Considerations | | | | | | | | | |
| Fish & Wildlife | Spawning salmon, seal, otters, eagle nesting | | | | | | | | |
| Threatened & Endangered Species | No listed species present in the immediate area. Stellers sea lion (threatened) feed throughout the area. | | | | | | | | |
| Sensitive Areas | MESA-60 nearby. Area designated as sensitive by SE GRS Workgroup. | | Area designated as sensitive by SE GRS Workgroup. | | | No designation | MESA-60 nearby. Area designated as sensitive by SE GRS Workgroup. | | Area designated as sensitive by SE GRS Workgroup. |
| Other Stakeholder Considerations | | | | | | | | | |
| Fisheries | Salmon, Groundfish, Crab | | | | | | | | |
| Historic Properties | Historic properties are present throughout the area. | | | | | | | | |
| Mariculture | None | Salmon Hatchery | None | | | | Salmon Hatchery | | None |
| Subsistence | No | Low level local subsistence | No | | | Low level local subsistence | | | No |
| Tourism/Recreation | High Recreational Use-Sport fishing, wildlife viewing, camping, excursion vessels and cruise ships | | | | | | | | |
| Waterfront Public Facilities/Parks | Municipality owned small boat harbor and supporting services are present in Haines. Tongass National Forest. | | Municipality owned small boat harbor and supporting services are present in Skagway. Tongass National Forest . | | | Tongass National Forest -No waterfront facilities | Municipality owned small boat harbor and supporting services are present in Haines. Tongass National Forest. | | Municipality owned small boat harbor and supporting services are present in Skagway. Tongass National Forest. |
| Waterfront Private Facilities | Numerous small docks and piers in the Haines area. Cranes and freight handling capabilities present. | | Numerous small docks and piers in the Skagway area. Cranes and freight handling capabilities present. | | | None Present | Numerous small docks and piers in the Haines area. Cranes and freight handling capabilities present. | | Numerous small docks and piers in the Skagway area. Cranes and freight handling capabilities present. |
| Response and Salvage Resource Consideration | | | | | | | | | |
| Ability to Boom Vessel | Yes | Weather Dependent | Yes | | | Weather Dependent | Yes | | |
| Geographic Response Strategies | None (2009) | SE08-03 | SE08-02 | | | None (2009) | SE08-03 | | SE08-02 |
| Closest Alternative Place of Refuge for same sized vessel | 3.5 to D-08-02 | 3.5 to D-08-01 | .1 to D-08-04 | .1 to D-08-03 | .1 to D-08-04 | 26 to L-08-03 | .1 to L-08-03 | .1 to L-08-02 | .1 to D-08-03 |

| Site ID Number and Vessel Size Classification |
|---|
| D = Deep Draft Vessel-lengths to 1,000 ft or greater, 20-40 ft of draft, greater than 10,000 GT |
| L = Light Draft Vessel-up to 450 feet in length, draft up to 20 ft |

**Stakeholders for PPOR Zone 08 of the Southeast Alaska Subarea**

| *Year-2009* | *Contact* | *Year-2009* | *Contact* | *Year-2009* | *Contact* | *Year-2009* | *Contact* |
|---|---|---|---|---|---|---|---|
| Alaska Department of Fish & Game | Resource Manager | Chilkoot Indian Association (IRA) | President | Municipality of Skagway | Mayor | Skaqua Traditional Council | Tribal Chair |
| Alaska Department of Natural Resources | Resource Manager, State Historic Preservation Officer | City of Haines | Mayor | Native Allotments | Dept of the Interior-Regional Environmental Officer | Tongass National Forest | Forest Supervisor |
| Central Council Tlingit-Haida Tribal | President | Haines Borough | Mayor | Sealaska Corporation | President | | |

## Physical and Operational Characteristics for PPOR Map 08 of the Southeast Alaska Subarea

| | Port Chilkoot Wharf | Lutak Inlet Anchorage | Broadway Dock | Ore Dock | Railroad Dock | Sullivan Island | Haines Ferry Terminal/Lutak Dock | Haines Municipal Dock | Skagway Ferry and Barge Terminal |
|---|---|---|---|---|---|---|---|---|---|
| **ID Number** | **D-08-01** | **D-08-02** | **D-08-03** | **D-08-04** | **D-08-05** | **L-08-01** | **L-08-02** | **L-08-03** | **L-08-04** |
| Location *(In the general area)* | 59º14.04'N 135º26.34'W | 59º17.70'N 135º28.50'W | 59º27.02'N 135º19.46'W | 59º27.01'N 135º19.62'W | 59º26.77'N 135º19.47'W | 58º55.86'N 135º21.50'W | 59º16.94'N 135º27.83'W | 59º17.19'N 135º28.72'W | 59º26.94'N 135º19.56'W |
| Maximum Vessel Size | Deep Draft Vessels- lengths to 1000 feet or greater, 20-40 feet of draft, greater than 10,000 GT | | | | | Light Draft Vessel - up to 450 feet in length, draft up to 20 feet | | | |
| Type of Berthing | Dock | Anchorage | Dock | | | Anchorage | Dock | | |
| Contact | Harbormaster 907.766.2448 | N/A | Operations Manager 907.983.2214 | | | N/A | Terminal Operations 907.766.2111 | Harbormaster 907.766.2448 | Harbormaster 907.983.2628 |
| Navigational Approach | Approach from the E | Approach from the SE | Approach from the SW | | | Approach from the SE or NW | Approach from the S | | Approach from the SW |
| Minimum Water Depths *(MLLW)* | 40 Feet | 41 Fathoms | 35 Feet | 45-90 Feet | 24-43 Feet | 19 Fathoms | 23 Feet | 12-23 Feet | 25 Feet |
| Maximum Vessel Draft | 35 ft. | 40 ft. | 30 ft. | 40 ft. | 40 ft. | 20 ft. | 20 ft. | 20 ft. | 20 ft. |
| Swing Room or Dock Face *(w/ dolphins)* | 915 ft. | 2400 ft. | 800 ft. | 1000 ft. | 1850 ft. | 2000 ft. | 640 ft. | 750 ft. | 385 ft. |
| Bottom Type | N/A | Mud | N/A | | | Mud | N/A | | |
| Nearest Alternative Dock/Piers | 13.5 nm to D-08-03 | 5 nm to D-08-01 | .1 nm to D-08-04 | .1 nm to D-08-03 | .15 nm to D-08-03 | 23 nm to L-08-02 | .25 nm to L-08-03 | .25 nm to L-08-02 | .1 nm to D-08-03 |
| Nearest Alternative Anchorage | 5 nm to D-08-02 | 44 nm to D-07-08 | 12.5 nm to D-08-02 | 12.5 nm to D-08-02 | 12.5 nm to D-08-02 | 16 nm to D-08-02 | 2 nm to D-08-02 | 2 nm to D-08-02 | 14.5 nm to D-08-02 |
| Prevailing Winds | SE winds prevail year round. SE gales may occur at any season, but they are much more frequent in winter than in summer. High shores funnel and intensify the SE winds. | | | | | | | | |
| Currents | Currents in Lynn Canal have a velocity of 0.3 to 1 knot in the S part, diminishing in velocity toward the head. | | | | | | | | |
| Tides | Mean High 15.8 ft. (Higher 16.8) Mean Low 0.0 (Lower -6.0) | | Mean High 15.7 ft. (Higher 16.7) Mean Low 1.6 (Lower 0.0) | | | Mean High 15.8 ft. (Higher 16.8) Mean Low 0.0 (Lower -6.0) | | | Mean High 15.7 ft. (Higher 16.7) Mean Low 1.6 (Lower 0.0) |
| Sea Conditions | Sheltered | | | | | Exposed to swells from the N | Sheltered | | |
| Shelter from Severe Storms | Sheltered from severe storms | | | | | Sheltered from NE-NW storms | Sheltered from severe storms | | |
| Fog | Frequent throughout the year. Heaviest from June-July. | | | | | | | | |
| Ice | Generally ice free. | | | | | | | | |

*NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm*

NUKA Research & Planning Group, LLC.