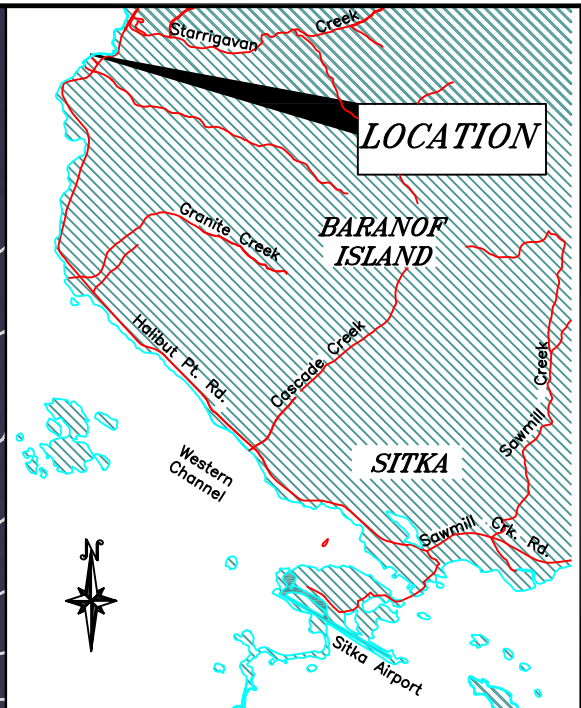


0 120' 240'  
SCALE IN FEET

*S T A R R I G A V E N   B A Y*



*V I C I N I T Y   M A P*

*Mooring structures and catwalks, typ.*

*20' x 100' Concrete & Steel Docks*

W3

W2

W1

E1

E2

Pontoon

Transfer Bridge

Terminal Building

Covered Walkway

Generator Building

Parking and Staging

***GENERAL LAYOUT***  
***SITKA***

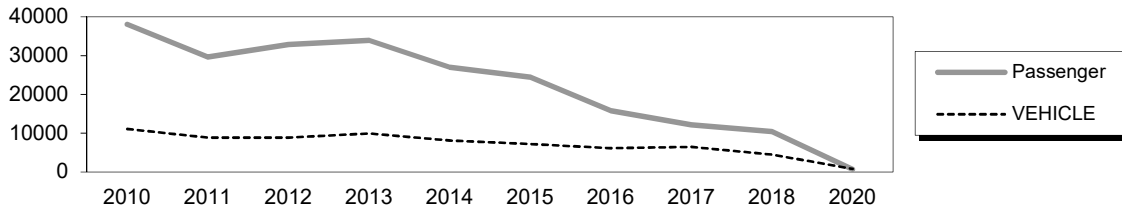
# Sitka Ferry Terminal

5307 Halibut Point Road

**Owner:** State of Alaska

**Terminal Manager:** Melissas Mossburg – 907-747-8737

**Terminal Description:** The Sitka Terminal is located on Starrigavan Bay, approximately seven miles from the city center on Halibut Point Road. The inside waters of Southeast Alaska are reached via Olga/Neva Straits and Sergius Narrows. The mainline ferries must traverse the narrows at slack water. The Sitka Ferry Terminal is a side-berth facility consisting of staging and parking areas, terminal building, emergency generator facilities, transfer bridge, covered walkways, and five steel mooring structures connected by catwalks. The past 10 years of total passenger and vehicle traffic at Sitka is shown below.



The most recent above water survey and fracture critical inspection was on May 21, 2021. The underwater inspection occurred on August 17, 2021.

Vessels	
Name	Berthing, Alignment
Taku / LeConte / Mat / Mal / Columbia	Port / Starboard
Kennicott	Port
FVF	Starboard

Uplands	
Short-Term Parking:	33 cars; 2 HCP
Long-Term Parking:	6 cars
Staging Area:	1875 lineal feet; 360 lineal feet-buses/trucks
Driving Surface:	Asphalt

Tidal Data (MLLW 0.0 feet)	
EHW	14.7
MHHW	9.9
MHW	9.1
ELW	-3.8

Generator & Building	
Building / Generator:	1989
Square Footage:	224 s.f.
Heating System:	Electric
Fuel Storage:	-
Fire Protection:	N/A
Condition:	Good

Terminal Building	
Year Built:	1983
Square Footage:	2361 s.f.
Heating System:	furnace
Fuel Storage:	UST
Fire Protection:	Alarm
Condition:	Good

Vehicle Transfer Bridge - #0806	
Type:	16' x 140' twin box beam
Year Built:	1989
Shoreward support:	Concrete abutment
Seaward support:	Steel Support Float
Coating:	Wasser Paint
Pedestrian Access:	Concrete 4' wide on bridge
Lighting:	Jelly Jars on bent posts, both girders
Condition:	Fair
Load Posting Sign:	N/A
Original Design Load:	HS 20-44

Bridge Support Float	
Type:	24' x 60' Steel Pontoon
Year Built:	1989
Ballasted:	Yes
Ramp lift:	Hydraulic/Block & Cable
Apron lift:	Hydraulic/Block & Cable
Anodes:	Yes
Condition:	Good

<b>Docks (2)</b>	
Type:	20' x 100' Concrete Dy-Core Panel Dock
Year Built:	1981
Support:	(4) Piers, consisting of cap & two steel piles, with batters at seaward corners.
Steel Coating:	Galvanizing
Fender System:	Timber Piles with W 12x65 wales (3), donut fenders to dock with restraint chains
Anodes:	115# bar lower wale; bonding strap to upper 2 wales
Lighting:	(2) light poles
Condition:	Fair
Notes:	Raised fender panels added in 2004 for FVF.

<b>Utilities</b>		
	at terminal	at ramp
Electrical:	Yes, city & backup power	
Water:	Yes	Yes
Sewer:	Yes (Septic)	No
Telephone:	Yes	Yes
Cable TV:	No	No
Fuel:	No	No
Wireless Bridge:	Yes	-

<b>Dolphins</b>							
<b>Dolphins</b>	<b>Dolphin Piles</b>	<b>Fender Support</b>	<b>Fender Face</b>	<b>Anodes</b>	<b>Built</b>	<b>Cond.</b>	<b>Notes</b>
W3	2B, 2V	Hanging	UHMW	Yes	2008	Good	Red navlight
W2	2B, 2V	Hanging	UHMW	Yes	2008	Good	Light pole
W1	2B, 1V	-	Floating Fender	Yes	2004	Good	
E1	2B, 1V	-	Floating Fender	Yes	2004	Good	
E2	2B, 2V	Hanging	UHMW	Yes	2008	Good	Red navlight & light pole
WG	1V	-	-	No	1989	Good	
ERS	2B, 2V	-	-	No	1989	Good	
WRS	2B, 2V	-	-	No	1989	Good	
EG	1V	-	-	No	1989	Good	

LEGEND V = Vertical Pipe Piling  
 Bridge Float Support Restraint Structure  
 Gangway Support Dolphin

B = Battered Pipe Piling ERS = East  
 EFP = East Float Platform WG = West  
 WIRP = West Intermediate Ramp Platform

<b>Catwalks / Gangways</b>								
#	From Struct.	To Struct.	Length / Style / Main Members	Built	Safety Chains?	Cond.	Lighting	Notes
C1	W3	W2	80' / Catwalk / Aluminum pony-truss	2001	No	Fair	Jelly Jars	
C2	W2	Dock	93' / Catwalk / 10"x10" Tube Girders	1982	No	Good	Jelly Jars	
C3	Dock	WG	10' / Catwalk / 4"x10" Bottom Chord	1989	No	Good	None	
G1	WG	WFP	37' / Gangway 2.5"x2.5" Bottom Chord	1989	Yes	Good	None	
G2	WFP	WIRP	12' / Gangway 2.5"x2.5" Bottom Chord	1989	No	Good	None	
G3	EIRP	EFP	12' / Gangway 2.5"x2.5" Bottom Chord	1989	No	Good	None	
G4	EFP	EG	37' / Gangway 2.5"x2.5" Bottom Chord	1989	Yes	Good	None	
C4	EG	Dock	10' / Catwalk / 4"x10" Bottom Chord	1989	No	Good	None	
C5	Dock	E2	93' / Catwalk / 10"x10" Tube Girders	1983	No	Good	Jelly Jars	

<b>Terminal Projects</b>			
Year	Project #	Project Name	Description
1963	F-099-3(1)	Sitka Ferry Terminal	Original ferry terminal construction, consisting of uplands fill for small staging area, waiting shelter, approach road, timber transfer and mooring structures.
1969	MT 105	Safety Ferry Terminal Dolphin Addition	Constructed new concrete-capped duncan mooring dolphin off fender line.
1982	B59992	Sitka Ferry Terminal Modifications	Replaced existing timber docks with new concrete dock structures each side of the transfer bridge; replaced two existing timber dolphin and timber catwalks with steel dolphin E2 and steel catwalk.
1983	R-91013	Sitka Dolphin	Replaced timber dolphin W2 and catwalk with steel structures.
1983	N/A	Sitka Ferry Terminal Building	Constructed new terminal building.
1989	RS-BR-M-0935 (9)	Sitka Ferry Terminal Improvements	Replaced the original timber bridge and lift system with new steel bridge and steel support float with hydraulic/cable lift system. Also installed new steel dock access catwalks, new generator building, replaced bridge and catwalk lights/wiring, replaced telephone wiring to bridge.
1996	75050 / FM-0935	Sitka Ferry Terminal Staging Area	Widened existing staging and parking areas involving earthwork, paving and retaining wall (on south side); constructed a new covered pedestrian walkway north of terminal building; installed a sewer treatment system.
2004	68792 / ACSTP-099-3(15)	Sitka All-Tide Mooring Improvements	Constructed two floating fender dolphins and installed raised fender panels on the dock for all-tide mooring of the FVF.

2008	67931 / NHS-MGE-099-1(1)	Sitka Ferry Terminal Mooring Improvements	Replaced steel mooring/breasting dolphins W2-3 & E2, as well as catwalk C1; re-painted catwalk C5; installed steel deck extensions to assist line-handlers at outside corners of the dock, and replaced the catwalk lights, cable and conduit.
2008	73003(3)	Sitka FT Carpet Replacement	Replaced carpet in the terminal building.
2020	70161	AMHS Wastewater Upgrades	Installed an on-site waste water system replacing the marine oufall
2020	SAMHS0008	AMHS Storage Tank Replacement	Replaced underground 1000 gal tank and 300 gal abg gen fuel tank with single 1000 gal above ground tank

### GENERAL FACILITY EVALUATION

Item		NBI Rating
Item 58	Deck	6
Item 59	Superstructure	6
Item 60	Substructure	7
Item 61	Channel Protection	8
Item 113	Scour	8
Marine	Mooring Structures	7
	Uplands Staging area	7
	Uplands Waiting Building	7
	Utilities	7

9	EXCELLENT CONDITION
8	VERY GOOD CONDITION - no problems noted
7	GOOD CONDITION - some minor problems.
6	SATISFACTORY CONDITION - structural elements show minor deterioration
5	FAIR CONDITION - all primary structural elements are sound but may have minor corrosion, cracking or chipping. May include minor erosion on bridge piers.
4	POOR CONDITION - advanced corrosion, deterioration, cracking or chipping. Also significant erosion of concrete bridge piers.
3	SERIOUS CONDITION - corrosion, deterioration, cracking and chipping, or erosion of concrete bridge piers have seriously affected deck, superstructure, or substructure. Local failures are possible.
2	CRITICAL CONDITION - advanced deterioration of deck, superstructure, or substructure. May have cracks in steel or concrete, or erosion may have removed substructure support. It may be necessary to close the bridge until corrective action is taken.
1	"IMMINENT" FAILURE CONDITION - major deterioration or corrosion in deck, superstructure, or substructure, or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.
0	FAILED CONDITION - out of service - beyond corrective action
N	Not applicable