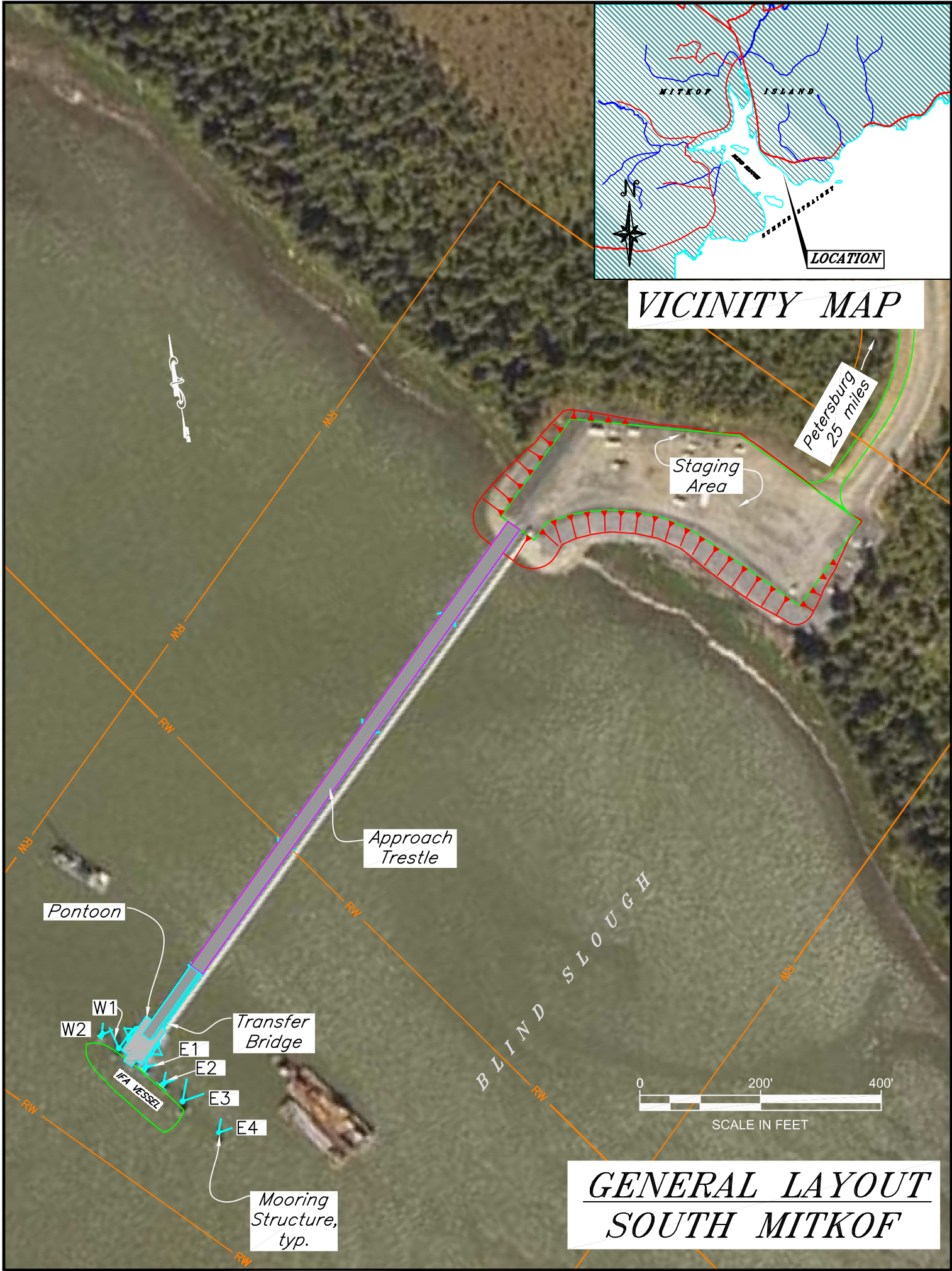


VICINITY MAP



Petersburg
25 Miles

Staging
Area

Approach
Trestle

Pontoon

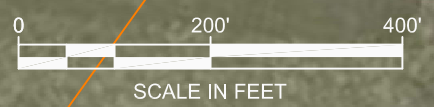
W1
W2

Transfer
Bridge

IFA VESSEL

E1
E2
E3
E4

Mooring
Structure,
typ.



**GENERAL LAYOUT
SOUTH MITKOF**

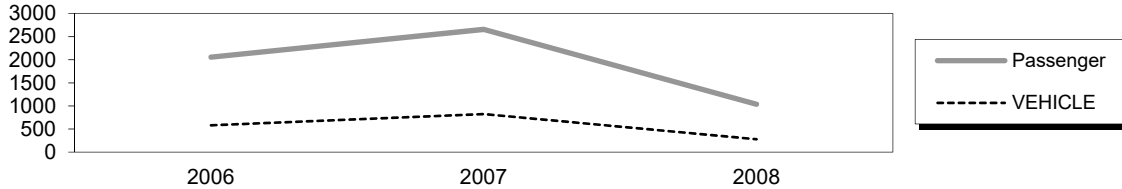
South Mitkof Ferry Terminal

Mile 25 South Mitkof Hwy.

Owner: Inter Island Ferry Authority (IFA)

Terminal Manager: N/A

Terminal Description: South Mitkof is a side-loading facility constructed in 2006 consisting of a modular ticketing office, secure (fenced) staging area, 900-foot long steel approach, steel transfer bridge, steel support float and six steel pile mooring dolphins. The IFA northern route has not been operational since 2008. South Mitkof's total passenger and vehicle traffic between 2006 and 2008 is shown below.



The above water inspection was completed May 18, 2021. The most recent fracture critical & underwater inspections occurred on August 6, 2016.

Vessels	
<u>Name</u>	<u>Berthing, Alignment</u>
Prince of Wales / Stikine / FVF	Starboard

Tidal Data (MLLW 0.0 feet)	
EHW	20.0
MHHW	15.5
MHW	14.3
ELW	-5.0

Uplands	
Short-Term Parking:	60 cars
Long-Term Parking:	N/A (gates locked between vessels)
Staging Area:	1200 lineal feet, 8 lanes
Paint Striping:	No
Driving Surface:	Asphalt

Modular Ticketing Office	
Year Built:	2006
Square Footage:	N/A
Heating System:	N/A
Fuel Storage:	N/A
Fire Protection:	N/A
Condition:	Fair

Generator Compartment	
Year Built:	2006
Square Footage:	200 s.f.
Heating System:	Oil Furnace
Fuel Storage:	550 gal. AST & Day tank
Fire Protection:	N/A
Condition:	Good

Bridge Approach	
Type:	900' x 24' pile-supported steel frame
Year Built:	2006
Shoreward support:	Steel Beam/Driven Piling
Seaward support:	Steel Beam/Driven Piling
Pedestrian Access:	Covered walkway, guardrail separation
Lighting:	Light Posts 20' o.c.
Anodes on piles:	Yes
Condition:	Good

Bridge Support Float	
Type:	40'x70' Flexifloat
Year Built:	2006
Ballasted:	Yes
Ramp lift:	Hydraulic
Apron lift:	Hydraulic
Anodes:	Yes
Condition:	Good

Vehicle Transfer Bridge	
Type:	16'x143' twin box beam
Year Built:	2006
Shoreward support:	Steel Beam/Driven Pile
Seaward support:	Steel Support Float
Coating	Wasser Paint
Pedestrian Access:	Covered walkway, guardrail separation
Lighting:	Cylindrical fixtures on guardrail; overhead fixtures along ped. Walkway
Condition:	Good
Load Posting Sign:	N/A
Original Design Load:	AASHTO HS20

Utilities		
	at terminal	at ramp
Electrical (Generator):	Yes	Yes
Water:	Yes (Uplands Holding Tank)	No
Sewer:	No	No
Telephone:	No	No
Cable TV:	No	No
Fuel:	No	No

Dolphins						
Dolphins	Dolphin Piles	Fender Type	*Anodes	Built	Cond.	Notes
E4	2B, 1V	Floating Rubber	Yes	2006	Good	
E3	2B, 1V	Floating Rubber	Yes	2006	Good	
E2	2B, 1V	UHMW panels & Rubber cylindrical fenders	Yes	2006	Good	
E1	2B, 1V	UHMW panels & Rubber cylindrical fenders	Yes	2006	Good	
W1	2B, 1V	Floating Rubber	Yes	2006	Good	
W2	2B, 1V	UHMW panels & Rubber cylindrical fenders	Yes	2006	Good	
ER	3V	-	Yes	2006	Good	
WR	3V	-	Yes	2006	Good	

*Electrical resistance readings on the piles indicate the anodes are depleted and need to be replaced.

LEGEND

V = Vertical Steel Pipe Piling B = Battered Steel Pipe Piling E4 = Dolphin Designation, typ.
ER = East Bridge Support Float Restraint Dolphin WR = West Bridge Support Float Restraint Dolphin

This terminal does not have dolphins or catwalks.

Terminal Projects			
Year	Project #	Project Name	Description
2006	67833 / MGS-MGE-STP-0003(65)	South Mitkof Ferry Terminal	New ferry terminal construction. Uplands consisted of blasting and filling earthwork; parking lot-staging area grading; security fencing. Built new ticket office & generator shed; all mooring and vehicle transfer structures.

GENERAL FACILITY EVALUATION

Facility Component	Rating
Uplands	6
Approach	7
Bridge	7
Float	7
Intermediate Ramp	7
Apron	7
Dolphins	7
Electrical	5
Hydraulic System	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

For a copy of the latest facility inspection reports contact the AK DOT&PF Marine Design Department. Contact information is located in the Comments and Feedback section.