

Agency: Commerce, Community and Economic Development**Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Juneau Lighthouse Association****Federal Tax ID: 31-1595421****Project Title:****Project Type: Equipment and Materials**

Juneau Lighthouse Association - Five Finger Lighthouse Transportation

State Funding Requested: \$63,000
One-Time Need**House District: Juneau Areawide (3-4)****Brief Project Description:**

Matching funds are requested for purchase of a 28' foot landing craft to transport goods and personnel to remote site to complete renovation of historic Five Finger Lighthouse.
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Funding Plan:

Total Project Cost:	\$163,790
Funding Already Secured:	(\$100,790)
FY2013 State Funding Request:	<u>(\$63,000)</u>
Project Deficit:	\$0

*Funding Details:**2001 Rasmuson \$822**2001 State Historical Preservation Office (SHPO) \$26,130**2002 SHPO \$29,555**2001 Save Americas Treasures Renovation and Upgrades \$407,705 (matched)**2011 Scenic Byways \$58,470 1/20/12**2003 Don & Rose Harris \$50,000 towards Seawolf Boat**First Bank \$35,000 loan for balance of boat**fundraisers, member annual fees, merchandise**miscellaneous donations***Detailed Project Description and Justification:**

Five Finger Lighthouse is currently owned by the Juneau Lighthouse Association, a non-profit organization established to preserve and maintain this historical site. The lighthouse is an active aid to navigation and is automated by the use of solar panels. It is also a weather reporting station for the National Oceanic and Atmospheric Administration (NOAA).
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The Juneau Lighthouse Association was able to secure a 25 foot Seawolf Pilot House boat in the summer of 2003. This boat has served the lighthouse adequately but not ideally. The lighthouse is located on the southern most series of islands, called the Five Fingers. From above the series of islands appear like fingers of a hand. This site was chosen as a location for a lighthouse due to the serious currents and rocky shoals. One publication noted that the islands were like an angry hand reaching up to grab mariners as they passed. Because of the shelf like shoals surrounding the island and the strong currents, mooring is problematic to say the least. Since 1997 when the association first started working on the lighthouse,

we have been trying to solve the dilemma of bringing supplies and personnel to work on the light and securely anchoring the boat or actually getting close enough to offload onto the ramp. The Seawolf is a great investment if not the ideal boat. Because of its fuel efficiency, design and excellent seaworthiness, it's value has increased since we purchased it. Similar boats are selling from \$95,000 to \$105,000. One boat of the same model but 5 years older than ours recently sold for \$95,000. Juneau Lighthouse Association has researched many options for the perfect boat for our location. We have decided on a 28 foot landing craft with a Cummins diesel and Hamilton jet. This boat will be built in Wrangell and the design will allow the boat to sit on our boat ramp and be tied down and secured. The front bow will allow for easy loading and unloading of people and supplies. We have chosen a diesel power package to save on fuel, round trip to lighthouse is 130 miles. Much of our match for our grants has been volunteer labor. In order to take advantage of this match, transportation must be realistic.

The Board has reviewed many options to improving our access to the site. We have used commercial charters in the past, however they are very expensive, about \$2,600 per trip. By owning our own boat we are able to leverage the trips on grant applications, choose the weather and tides to our advantage and not use up our small operating budget up on just getting to and from the lighthouse.

We have much work to still complete on the site. The lighthouse will have to be painted again, foundation work needs to be completed on the two outbuildings, we need to complete the work on our newest grant which will allow a smaller boat to offload visitors to the island via a sea ladder and pedestrian walkways and stairs. We will also be introducing interpretive signs that will tell the story of the maritime and marine history of the island. Maintenance is constant on the lighthouse, our motto is "Use and Activity Preserves". We must have access to the island to keep up the work on this historic site. We are also anticipating having quests stay at the lighthouse and we will need to keep supplies such as food and fuel to meet their needs. We do not plan on chartering guests to the island at this time, however the board has discussed this possibility for the future.

We want to share with people the beauty and history of Five Finger Light Station. Visitors will experience the history of the Gastineau Channel, the Gold Rush, and Lighthouse Service in Alaska as well as the importance of this lighthouse to the people and mariners of this region. We have partnered with the Alaska Whale Foundation and are planning the site to be an interpretive and marine research center. A visit to Five Finger Light Station will enable our visitors a renewed awareness of our American Maritime History and an understanding of the local marine life. Again, smart, fuel efficient, safe and practical transportation is needed to meet these goals.

Project Timeline:

Once funds are secured, the landing craft will be ordered. We plan to sell the Seawolf when we have the matching funds. We have been assured by the original builder that the Seawolf can sell for \$100,000. Svedsen Marine can build the new landing craft in 60 to 90 days. Ideally the boat will be ordered July 1, 2012 and completed by end of summer.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Juneau Lighthouse Association

Grant Recipient Contact Information:

Name: Jennifer Klein
 Title: President
 Address: POB 22163
 Juneau, Alaska 99802
 Phone Number: 364-3632
 Email: jla_688@hotmail.com

Total Project Snapshot Report

2012 Legislature

TPS Report 58481v2

Has this project been through a public review process at the local level and is it a community priority? Yes No



January 27, 2012

Juneau Lighthouse Association
Five Finger Lighthouse
P.O. Box 22163
Juneau, AK 99802
jla_688@hotmail.com

Board Resolution
Juneau Lighthouse Association
Five Finger Lighthouse Transportation Grant Request

The Juneau Lighthouse Association supports and resolves to request funding through the Juneau Delegation for a legislative appropriation for capital funds to leverage funding for a 28' landing craft so that the organization can continue to work and support the Five Finger Lighthouse. This request is for \$63,000.

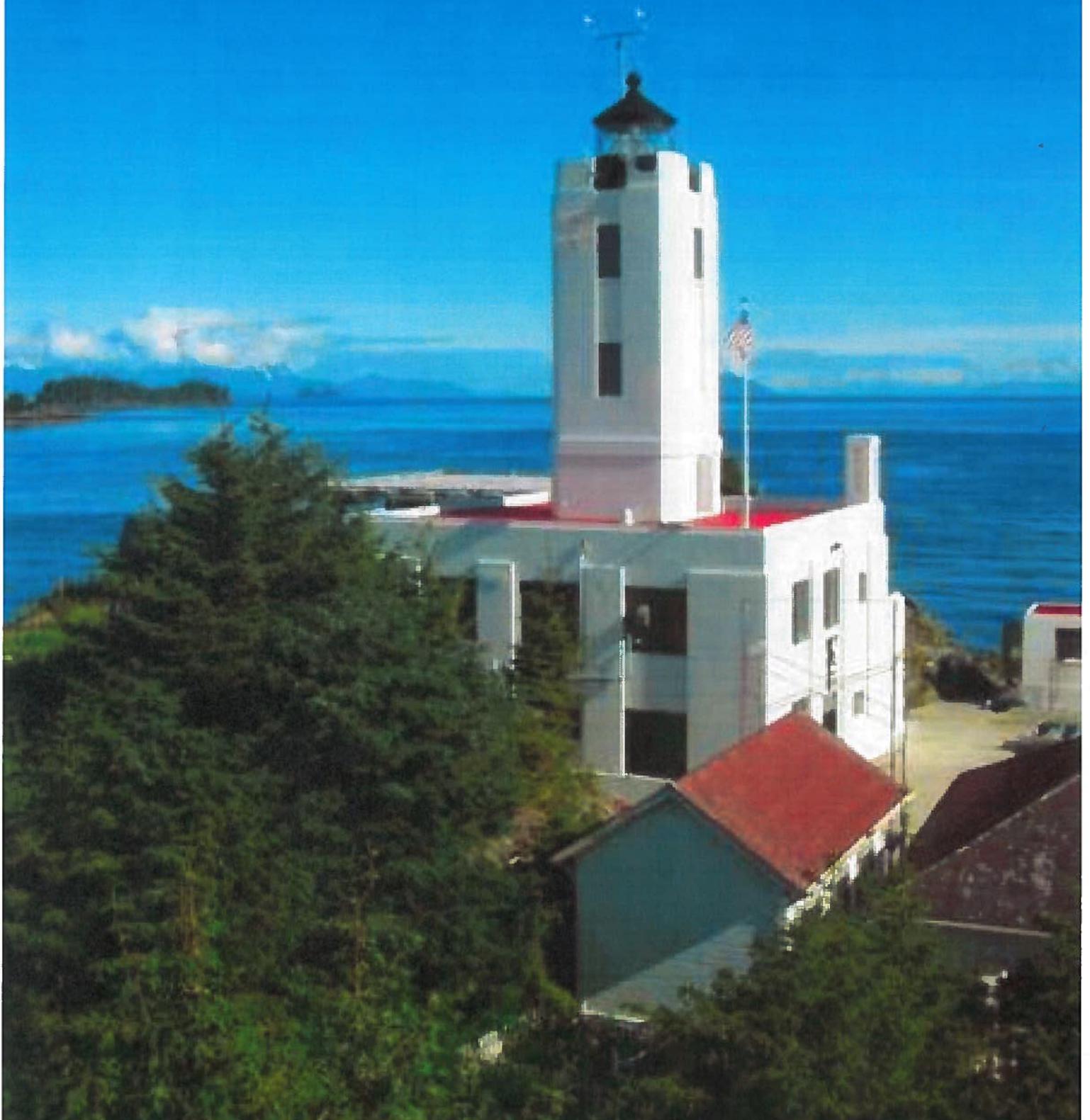
Jennifer Klein, President
Juneau Lighthouse Association

A handwritten signature in blue ink, appearing to read "Jennifer Klein", written over a horizontal line.

Five Finger Lighthouse ; Ramp



Five Finger Lighthouse

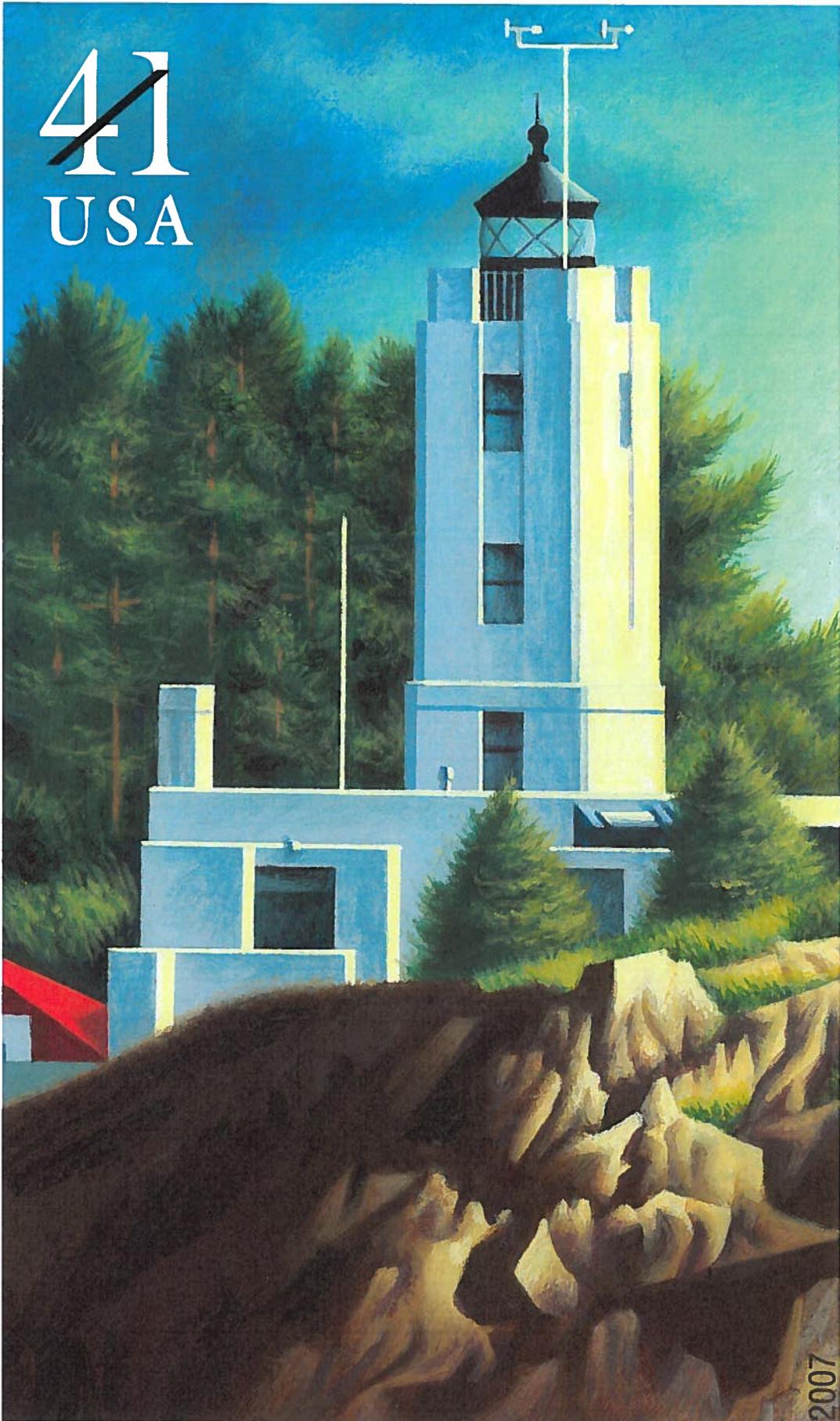


Five Finger Wharves Remo

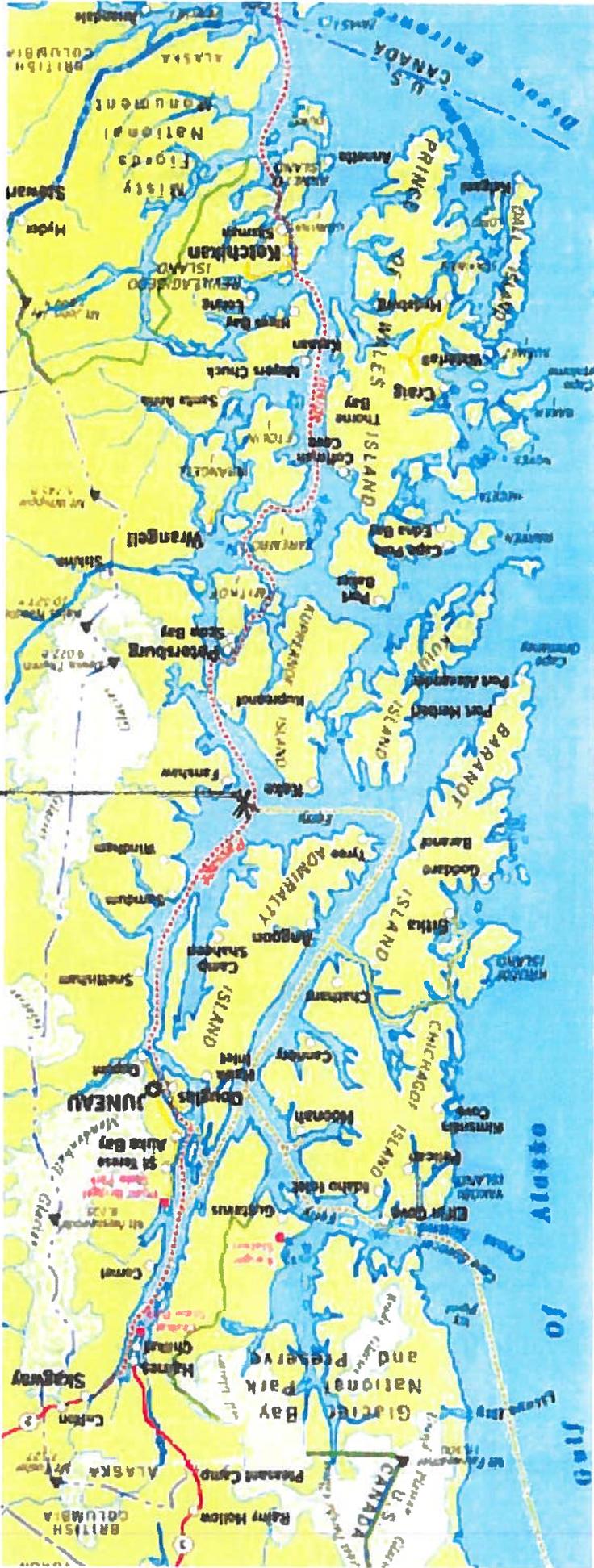


*SAMPLE OF
VOLUNTEER
CREW*





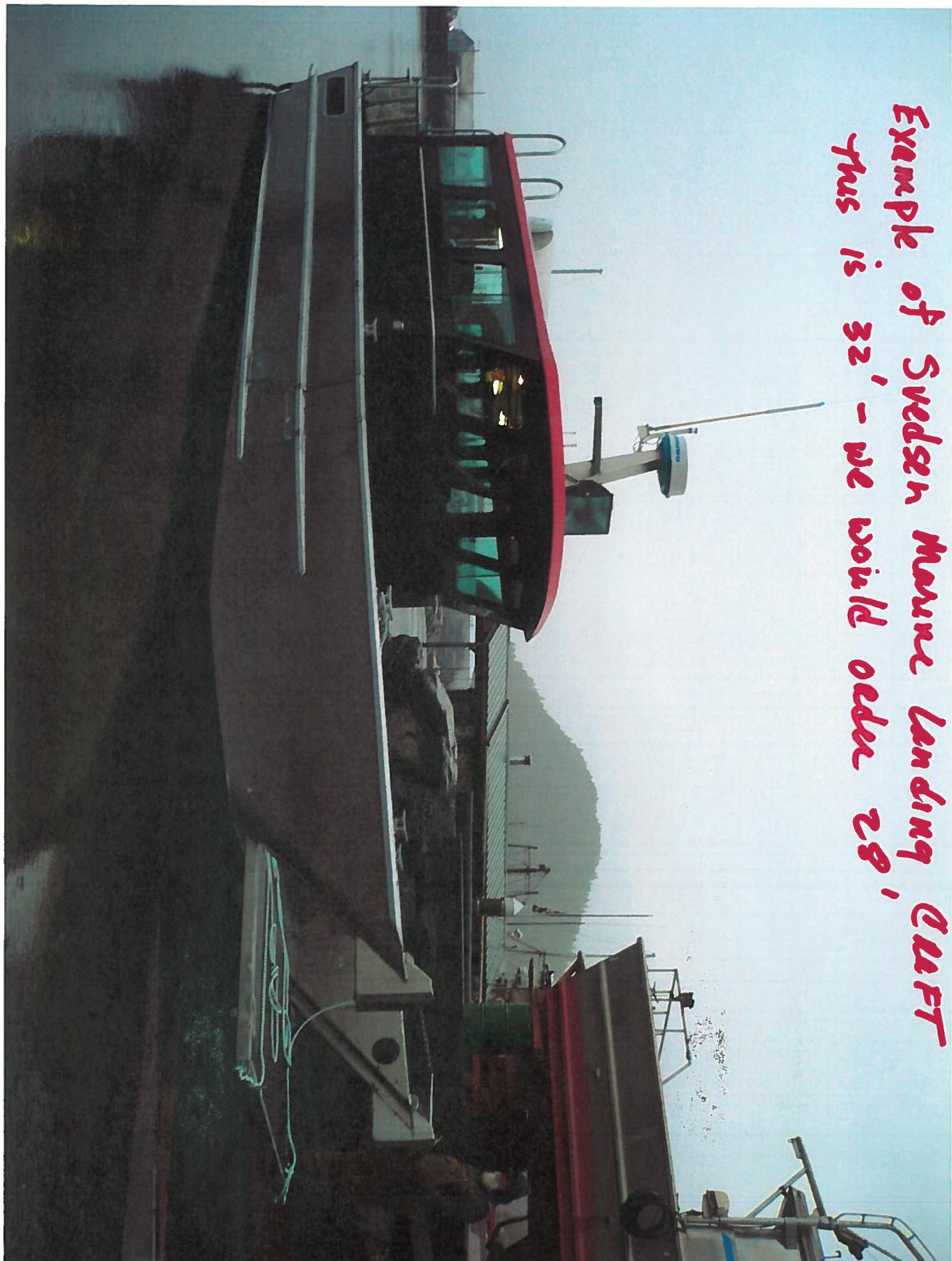
FIVE FINGER, ALASKA



Location
of
Five
Finger
Lighthouse

Location
of
Five
Finger
Lighthouse

Example of Sweden Marine Landing, CAFT
this is 32' - we would order 28'



**Boat Estimate for Five Finger
Lighthouse**

**2 Pages of Invoice, plus cover
sheet ,**

3 pages faxed total.

**Please advise that you received
fax**



Svendsen Marine Works
 David A. Svendsen
 P.O. Box 1123 ■ 819 Case Avenue
 Wrangell, Alaska 99929

Phone 907-874-3237

Fax 907-874-2212

Boat Estimate

Feb 3, 2012

TO: Jennifer Klein

jla_688@hotmail.com

Job Description:

Build a 28' Landing craft with 8' bottom and a 7'6" x 9' off set cabin. Total length of the boat is 28' x 10'6" wide- bottom of 1/4" alum – 15 degree V – 1/4" alum runners each side with 6" reverse chine – sides are 44"-48" of 3/16" 5052 alum – with two hull stiffener guards – self bailing deck of .160 alum with Epoxy paint – 150 gallon under deck tank of 3/16" alum – cabin 7'6"x9' of 1/8" alum – sliding starboard side door - windows all around cabin– 2 alum framed sliding windows, one port side and one starboard – handrails as needed around top of cabin and around boat - eight 10" alum cleats – 2 zincs – Blue Seas 12 circuit breaker type- 12 volt plugs - running lights installed, 4 L.E.D cabin lights -2 L.E.D deck lights – 1 Rule 2000 and 1 Rule 1100 bilge pump installed -4 Optima Group 31 batteries – Hydraulic steering single station - fuel gauge – sound foam in engine room – Sound absorbing foam throughout boat – bench seat as needed in cabin - 2 Bentley soft ride seats—Zolatone painted interior –carpet and insulate interior - 12 volt bow door winch- swim step , Jet guard on transom .

Install Cummins 355 H.P. engine with 274 Hamilton Jet, Drive-line, Exhaust, single station controls, S.S. sea Strainer, Fuel filter and electrical, Sea Trial.

Price \$163,790.00

Qty	Description	Unit Price	Line Total
5500	Aluminum	\$3.50	\$19250.00
	Welding wire, Argon etc.	\$800.00	\$800.00
750	Labor	\$70.00	\$52,500.00
	Cleats and Zincs	\$550.00	\$550.00
	Lot seat cushions	\$1150.00	\$1150.00
	Sound foam cabin interior, floor, and engine room	\$2200.00	\$2200.00
	Deck paint and supplies	\$175.00	\$175.00
	Windows	\$4200.00	\$4200.00
	Fuel fill fitting, hoses, and gauge	\$946.00	\$946.00
4	Optima Batteries 31 group	\$275.00	\$1100.00
	12 volt Blue Seas Panel- running lights- 4 cabin lights- 2 deck lights- bilge pump – battery switch- all 12 volt wiring – 2 12vot plugs	\$2800.00	\$2800.00

2	Bentley suspension seats	\$1200.00	\$2400.00
	Racor Fuel Filter	\$321.00	\$321.00
	Lot sound foam engine room, cabin interior and floor	2200.00	\$2200.00
	2- AFI71082 wiper and motor SS Panographic Arms	\$776.00	\$776.00
	Zolatone interior of cabin and insulate and carpet	\$2100.00	\$2100.00
	12 VOLT BOW DOOR WINCH AND HARDWARE	\$780.00	\$780.00
	Cabin heater and defrost	\$480.00	\$480.00
	Morse engine and jet control	\$920.00	\$920.00
	Exhaust system with Verna Lift muffler	\$1350.00	\$1350.00
	Jastrom- Single station hydraulic steering with hose fittings and fluid	\$1938.00	\$1938.00
	Drive line, adaptor and bolts	\$990.00	\$990.00
	2" sea strainer , hose valve and fittings	\$1095.00	\$1095.00
	Cummins QSB5.9-355M @2800	\$37,027.00	\$37,027.00
	ZF280-1 transmission	\$4904.00	\$4904.00
	274 Hamilton Jet	\$19,920.00	\$19,920.00
	Sea trial- 5 gallons Valvoline 15-40, 4 quart ATF, 2 Valvoline Gallon 30, 100 gallons fuel for sea trial, 1 grease gun with jet grease.	\$644.00	\$644.00
	Life Ring	\$100.00	\$100.00
	Fire Extinguisher	\$42.00	\$42.00
	Air Horn	\$42.00	\$42.00
	Flair Kit	\$90.00	\$90.00
	Out of Town no sale tax		
		Subtotal	\$ 163,790.00
		Sales Tax	.00
		Total	\$163,790.00

Thank you for your business!

smwboats@gci.net WWW.svensdenmarine.com

Payments schedule as follows. First payment of \$100,000.00 is for deposit for Engine, Jet and materials. 3 separate in progress Payments of \$20,000.00 each. Last \$20,000.00 payment due when boat in complete. Boat must be paid in full before leaving Svendsen Marine.

Above information is not an invoice and only an estimate of services described above. If you have any questions concerning this invoice, contact David Svendsen 907-230-5773

Seawolf Pilothouse 25'-28'

