

St. George Harbor Survey



Research conducted by:

**The U.S. Army Corps of Engineers – Alaska District
In cooperation with the City of St. George**

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PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE ADDRESS.

Responses should be sent to U.S. Army Corps of Engineers, Alaska District, CEPOA-PM-C-PL, P.O. Box 6898, JBER, AK 99506

Survey Number: _____

Survey Purpose: St. George Harbor is under-utilized due to difficulties entering and exiting the harbor, as well as high waves inside the harbor. The City of St. George (City) asked the U.S. Army Corps of Engineers (USACE) to assist in identifying potential navigation and mooring improvements. Your completion of this survey helps us identify which improvements would be used most. Results of this survey may justify future harbor development at St. George. Please complete and return this survey at your earliest convenience. Responses will be kept confidential, anonymous, and will not affect existing business with USACE, the City, or other survey respondents. The information collected will be managed in accordance with U.S. Army records retention requirements.

If you have any questions, or need to obtain additional copies of this survey, please contact the City or Brent Andrews (USACE) at (907) 753-5697 or brent.j.andrews@usace.army.mil.

Section 1: Non-response Feedback

1.1. If you decide not to participate in this survey, please check one of the boxes below. This will help us to improve future surveys. Which of the following best describes your reason for not participating?

- I don't have time to answer all the questions.
- I'm not authorized, or I am electing not to discuss company or organizational business: _____

- I objected to the way a question, or several questions, were asked:

- Another reason: _____

- N/A.

Please answer the following questions for one vessel only, or if you intend to purchase a vessel in the near future, and only if you live or work in the Pribilof Islands, or intend to sail out of St. George in the future. Again, additional copies can be obtained from the City or Brent Andrews (USACE).

Section 2: General

2.1 Do you own a boat?

- Yes. How many: _____
- No.
- I will be using a friend or family member’s boat.
- I will be using a boat owned by a company or business entity:

2.2 How many times will you complete this survey: _____

2.3 Which best describes your reason for completing this survey?

- This vessel sails into St. George _____ time(s) per _____
- I would like to be able to sail into St. George in the future.

2.4 Do you intend to purchase a vessel soon? Please describe your timeline below. For example, “within a year,” or “after facilities are built.”

- Yes: _____
Please describe the vessel type and size: _____

- It will replace the vessel that this survey is completed for.
- No.

If you answered “No” to Questions 2.1 and 2.4, please skip to Question 2.9.

2.5 If there was an improved harbor with adequate space located at the southern end of St. George Island (in Zapadni Bay) would you seek a year-round stall assignment, transient moorage, or use a boat launch there?

- A Permanent, Year-Round Slip
- Occasional or Frequent Slip Use
- Dock Use
- Boat Launch Use
- None, or I launch from the village on the northern side of the island 100% of the time.

If you answered “None” above, please skip to Question 2.9.

2.6 If you’re an occasional or frequent slip, dock, or boat launch user please estimate your annual use:

	Use	
	Current	Desired
Overnight Harbor Stays		
Boat Launches		

2.7 What features would you like to see at this facility (see Question 2.8 as well)? Add explanation as you feel necessary.

- Functioning breakwater(s) _____
- Deeper dredging _____
- Removal of underwater obstructions _____
- Calmer conditions in the harbor _____
- Improved moorage _____

2.8 Please rank how important these items are to you:

Item	Additional Features			
	Importance			
	Very	Fairly	Slight	Not
Aids To Navigation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel Dock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shore Based Seafood Processor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transient Moorage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Working Floats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanent Moorage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upland Warehouses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat Ramp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel Lift	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upland Storage Yard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upland Boat Storage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electricity on Dock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restrooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Dumpsters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste Oil Disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vending\Ice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cold Storage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fish Cleaning Station	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gear Storage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.8.1 Please describe any other features: _____

2.9 Do you know any persons or businesses who might return to St. George with a viable harbor and related facilities? Explain: _____

2.9.1 Would this person or business use the harbor approximately the same amount as described in this survey (for this vessel)?

- More. Days: _____
- Less. Days: _____
- Same
- N/A

If you answered “No” to Questions 2.1 and 2.4, and/or “None” to Question 2.5, and have answered Question 2.9, please skip to Section 5, then return the survey. Thank you.

Section 3: Vessel

3.1 The primary purpose of the vessel that this survey pertains to is (please check only one):

- Subsistence (check this purpose if the vessel operates during a subsistence season, **or** during an open sport fishing or hunting season but the catch\harvest is for a subsistence need)
- Recreation
- Commercial Fishing or Tendering

- Charter\Sightseeing\Water Taxi. Proportion of use dedicated to tourism: _____ %
- Freight Transport
- Fuel Transport
- Other: _____

3.2 It's size is:

Overall Length: _____ feet.

Overall Breadth: _____ feet.

Depth (Include keel if vessel has one): _____ feet.

Draft Loaded: _____ feet.

Draft Unloaded: _____ feet.

3.3 It's speed is:

Average cruising speed: _____ knots.

Average speed when fishing: _____ knots.

Minimum maneuvering speed in harbor: _____ knots.

3.4 Did this vessel homeport in St. George in 2016:*

- Yes
- No. What is this vessel's homeport: _____.

* We are interested in the port that this vessel calls its home, not the Port of Origin (painted on the aft), unless they are the same.

3.5 Please indicate any damages this vessel has incurred in St. George Harbor in the past. Please indicate the year, cause, kind of damages, and the cost of repair, or please estimate the commercial cost of repairs (or N/A).

Damages		
Year	Cause \ Description of Damages	Cost

3.6 What problems have you encountered while navigating into St. George in the past five years (check all that apply) (or N/A)?

Problem	
<input type="checkbox"/> Swamped Vessel	<input type="checkbox"/> Inadequate Wave Protection

Hull Punctures	Line Breakage
Hull Scratches\Dents	Inadequate Channel Depths
Damage Upon Entering Harbor	Damaged Buoys
Damage Sustained in Harbor	Damaged Navigation Aids
Damage Upon Exiting Harbor	Poor Water Quality
Inadequate Docks	Overcrowding
Inadequate Moorage\Slips	Congestion
Moorage Costs Too High	Lack of Haulouts for Repairs
Inadequate Security at Docks	Lack of Upland Facilities
Vandalism	Inadequate Boat Storage
Ice in Harbor	Inadequate Upland Parking

3.6.1 Please specify other problems encountered: _____

3.7 Over the past five years, have you encountered delays getting into or out of St. George? Please indicate the reason, the average number of occurrences per year, and length of delays:

Delays		
Reason	Average Occurrences per Year	Average Delay (Hours)
Waited for:		
Wave height to decrease		
Wind speed\direction to change		
Tide to change		
Ice to move\breakup		
Harbor staff to become available		
Rafted boat owner to return		
Moored vessel to move		
There were launch delays at the ramp		
Other:		
Other:		

3.7.1 Please further explain how delays added to your costs (if you feel that it's applicable): _____

3.8 How often do you bypass St. George Harbor because you expect poor harbor conditions or problems? _____ times per year*

* This is the number of times which you'd prefer to stop, if problems did not exist.
Zero indicates that you would not ever stop, even with better conditions.

3.8.1 What is your next stop?* _____

* Include at-sea stops if applicable (i.e. you transfer catch or bunker fuel at-sea).
Example, "At-sea, approximately 15 miles from St. George."

Only answer the following questions if you indicated in Question 3.1 that this is a commercial fishing or tender vessel, otherwise skip to Section 5.

Section 4: Commercial Fishing or Tendering

4.1 Think of your commercial fishing activity in the Pribilof Islands. What was the average crew size, including skipper, for commercial fishing trips in past five years? Number of crew, including skipper: _____

4.2 How many times a year do you get ice for your catch at the Aleutian Pribilof Island Community Development Association (APICDA) ice plant in St. George: _____

4.3 Please indicate the percentage of catch delivered to different processors as an annual average for the past five years (check all that apply):

- APICDA plant in St. George: _____ %.
- Shore-based plant in St. Paul: _____ %.
- Shore-based plant *not* in St. George or St. Paul: _____ %.
- At-sea processor: _____ %.
- Tender: _____ %.
- Other (describe): _____ %.

* Column should total 100 percent.

4.4 If there were navigation improvements, including additional moorage, in St. George, would you change where you deliver your catch?*

- Yes
- No, would not change where I deliver (Skip to Section 5)

* Locating or renovating a processor in St. George is not part of the USACE navigation improvements proposed; however, APICDA intends to allocate a portion of its catch quota (defined by 50 Code of Federal Regulations (CFR) 680, Subpart C) to St. George once navigation improvements are in place. The share allocated

depends on the transfer regulations in Subpart C, and also, potentially, on the willingness of fishermen to deliver catch to St. George.

4.5 If yes to question 4.4, please indicate the percentage of catch you would deliver to different processors. This is an estimate of how your delivery changes as a result of navigational improvements in St. George (check all that apply):

- Plant in St. George: _____ %.
- Shore-based plant in St. Paul: _____ %.
- Shore-based plant *not* in St. George or St. Paul: _____ %.
- At-sea processor: _____ %.
- Tender: _____ %.
- Other (describe): _____ %.

* Column should total 100 percent.

Section 5: Comments

5.1 Please provide any other comments that you would like to share with the study team or the City of St. George: _____

THANK YOU FOR YOUR PARTICIPATION

Please return this survey in the addressed, pre-paid envelope to:

**U.S. Army Corps of Engineers, Alaska District
CEPOA-PM-C-PL
P.O. Box 6898
JBER, AK 99506**

OR:

Drop off at the City of St. George's Office