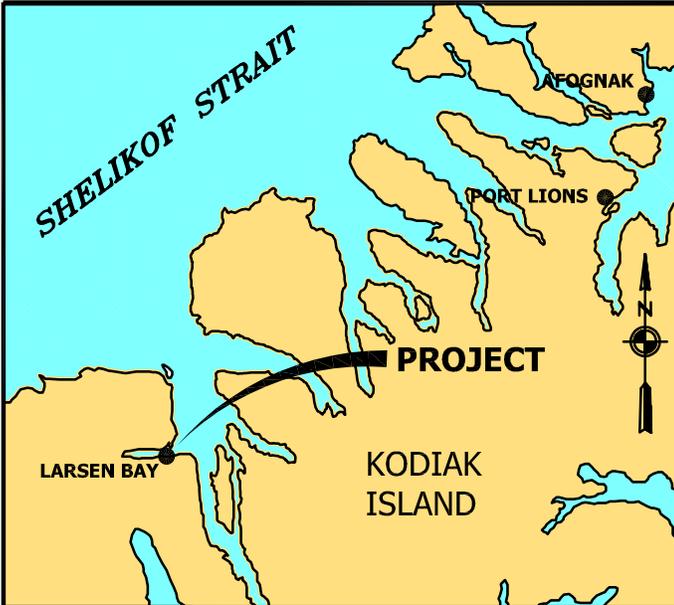
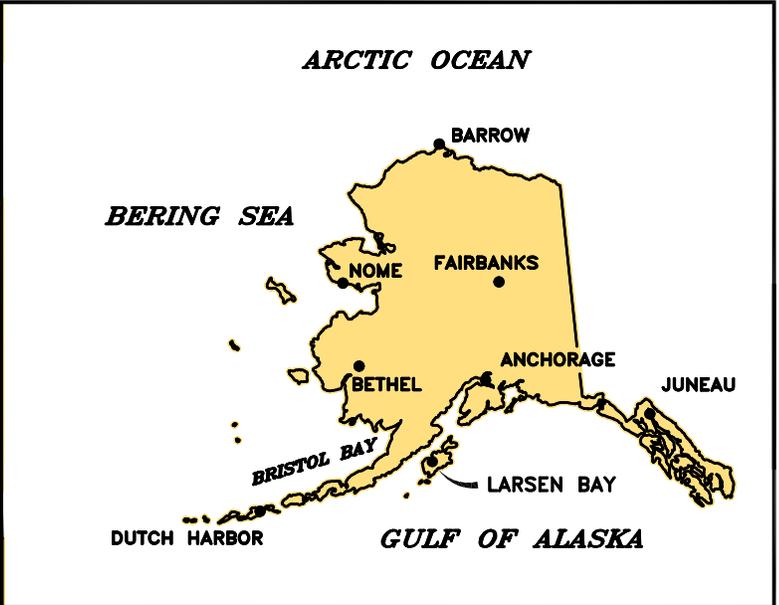


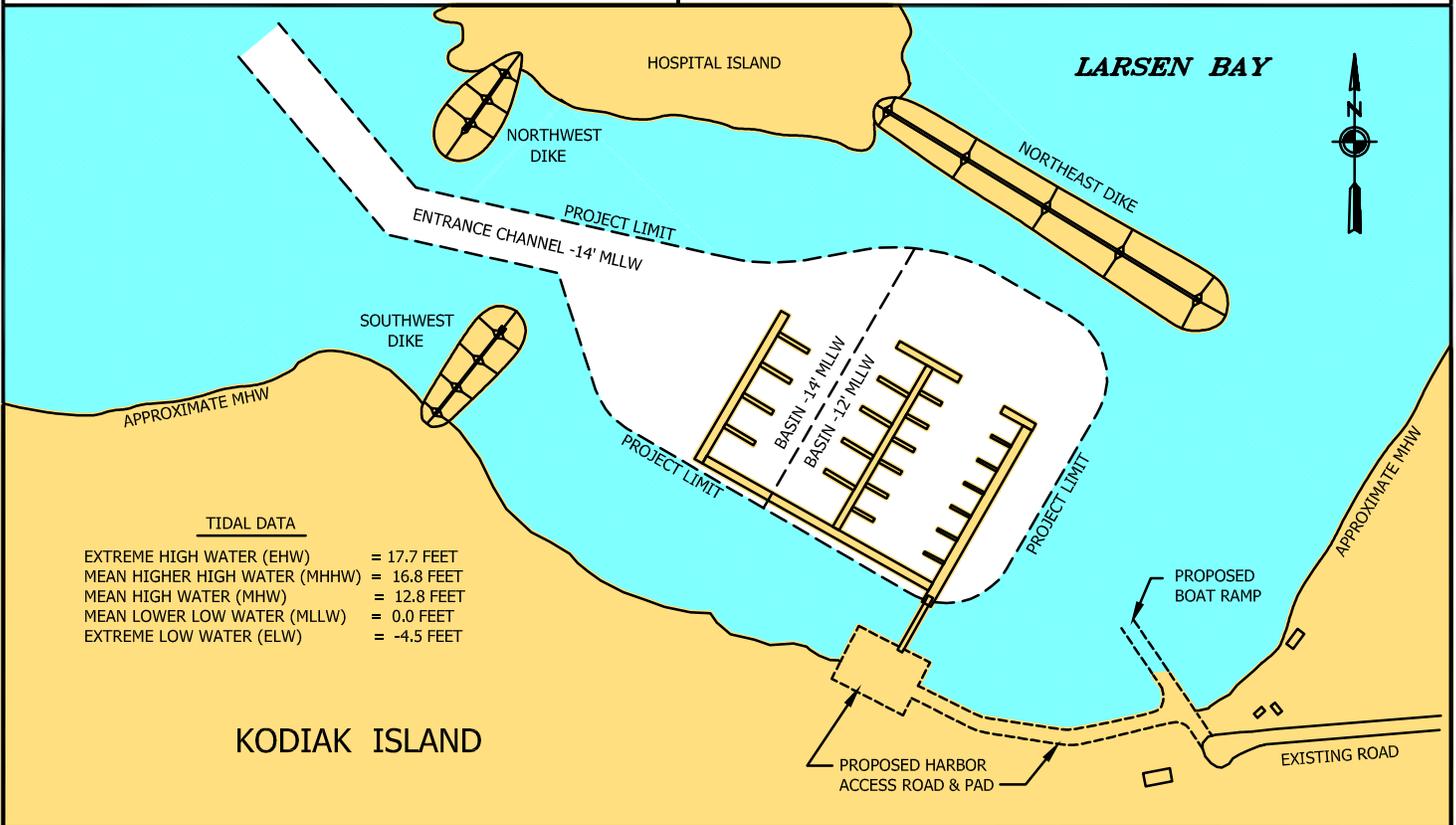
# Larsen Bay



VICINITY MAP



LOCATION MAP



TIDAL DATA

EXTREME HIGH WATER (EHW)	= 17.7 FEET
MEAN HIGHER HIGH WATER (MHHW)	= 16.8 FEET
MEAN HIGH WATER (MHW)	= 12.8 FEET
MEAN LOWER LOW WATER (MLLW)	= 0.0 FEET
EXTREME LOW WATER (ELW)	= -4.5 FEET

KODIAK ISLAND

NOTES

1. THE FLOAT SYSTEM SHOWN IS THAT PROPOSED BY THE BUREAU OF INDIAN AFFAIRS.
2. THIS LOCATLITY IS SHOWN ON NOAA/NOS CHART NO. 16597.
3. ELEVATIONS ARE IN FEET REFERING TO MEAN LOWER LOW WATER (MLLW = 0.0').
4. LARSEN BAY IS LOCATED AT APPROXIMATELY 57° 32' N. LATITUDE, AND 153°58' W. LONGITUDE.

LARSEN BAY, ALASKA

LARSEN BAY  
SMALL BOAT HARBOR

2001



Condition of Improvements  
 30 December 2014  
**Larsen Bay, Alaska**  
 (CWIS No. 087495)

**Authorization** Section 107 of the River and Harbor Act, 14 July 1960, Public Law 86-645, 33 U.S.C. 577, 1986, as amended, provides for the construction of a mooring basin, entrance channel, and necessary protective features not to exceed \$4,000,000 in federal funds.

**Table 1**

<b>Existing Project</b>	<b>Length ft.</b>	<b>Width ft.</b>	<b>Depth ft.</b>
Entrance Channel	720	75	-14
Mooring Basin	620	255	-12
Northeast Breakwater	160	varies	-
Northwest Breakwater	610	varies	-
Southwest Breakwater	200	varies	-

**Project Usage** Larsen Bay is a traditional Alutiiq settlement practicing a commercial fishing and subsistence lifestyle. Located on the western coast of Kodiak Island, it is 60 miles west southwest of the City of Kodiak and 283 miles southwest of Anchorage. The completed project provides protected moorage for both resident and transient fishing vessels with drafts up to 10 feet. All transportation to the community is by air or water.

**Progress of Work**

- 
- 1985 Pre-engineering and design work begins.
  - 1997 A Project Cooperation Agreement is signed in May. A construction contract is awarded.
  - 1998 Construction of the dikes is completed. Dredging of the entrance channel begins.
  - 1999 The project is physically completed.
  - 2006 Aerial photography is taken in May.
  - 2009 A tidal datum update and project condition survey are conducted in August and September.
  - 2010 Comprehensive Evaluation of Project Datums (CEPD) Compliance report completed and recorded in September.

**Table 2 Cost to Date**

<b>Project</b>	<b>Description</b>	<b>Cost \$</b>
087495	CG Appropriation	4,000,000
	CG Costs	4,000,000
	CG Contributed Appropriation	1,341,948
	CG Contributed Costs	1,341,948

**Table 3 Range of Tides in feet**

<b>Tide Station</b>	<b>Mean Range</b>	<b>Diurnal Range</b>	<b>Extreme Range</b>
945 7724 Larsen Bay AK	11.2	13.74	-

**Controlling Depth** Project depth is effectively available throughout the entrance channel. A depth of -11.5 feet MLLW controls near Corner 6 (where project depth is -14 feet MLLW) and -11.4 feet MLLW controls near Corner 12 (where project depth is -12 feet MLLW).

# Larsen Bay, Kodiak Island, Alaska



Oblique of Larsen Bay, 2009



Oblique of Larsen Bay, 2009