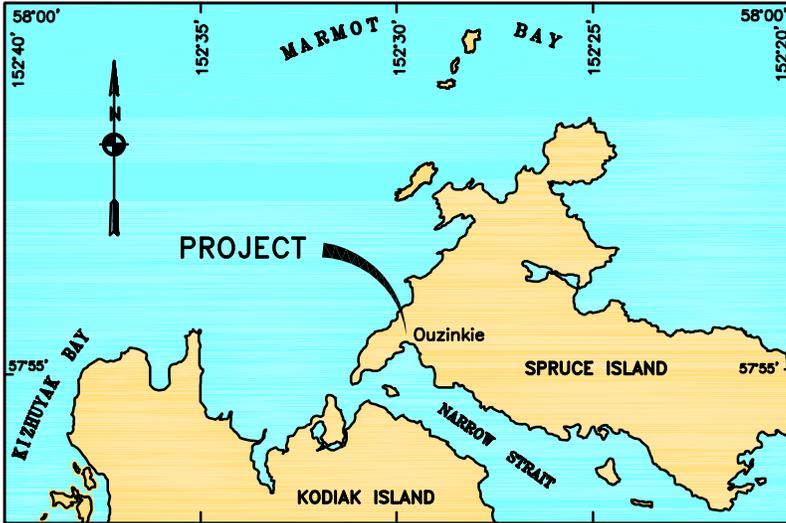
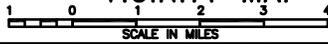


OUZINKIE HARBOR

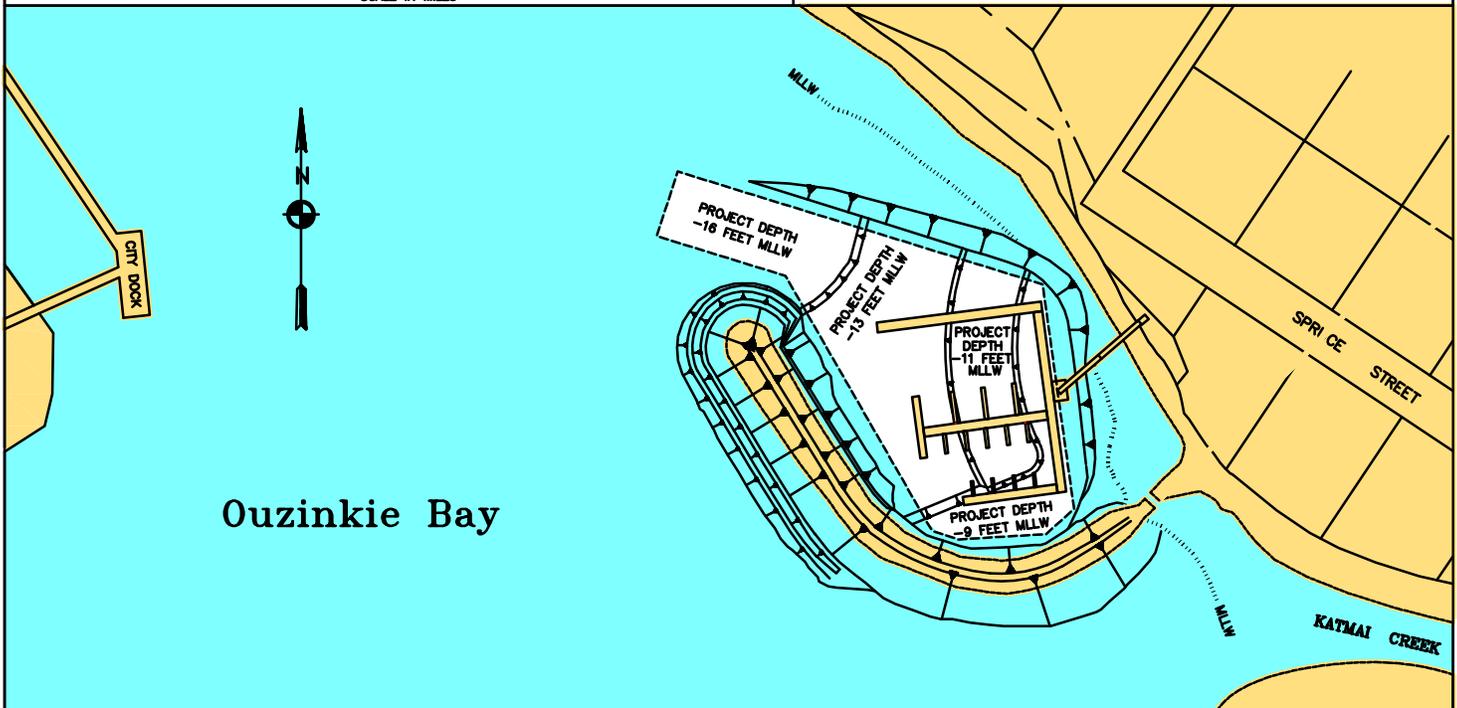


VICINITY MAP

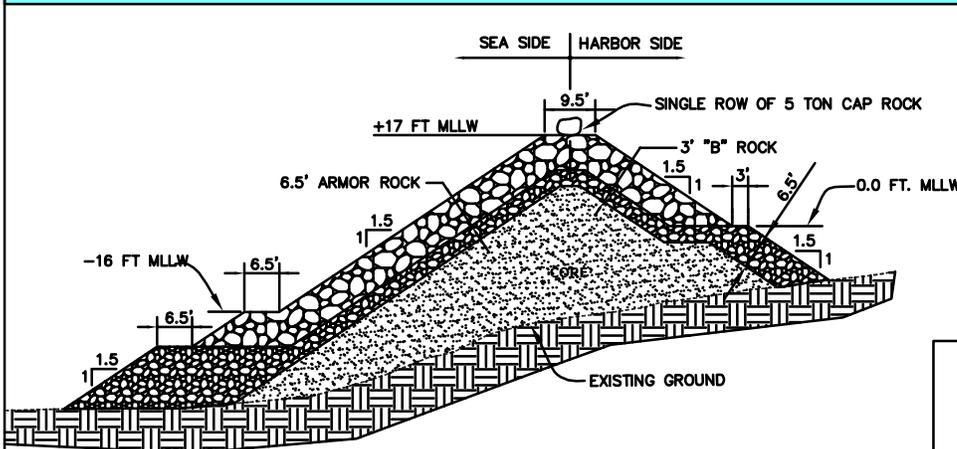


LOCATION MAP

NOT TO SCALE



Ouzinkie Bay



BREAKWATER TYPICAL SECTION

NOT TO SCALE

TIDAL DATA (in feet)

EXTREME HIGH WATER (EHW)	13.0
HIGH TIDE LEVEL (HTL)	11.7
MEAN HIGHER HIGH WATER (MHHW)	9.1
MEAN HIGH WATER (MHW)	8.1
MEAN TIDE LEVEL (MTL)	4.6
MEAN LOWER LOW WATER (MLLW)	0.0
EXTREME LOW WATER (ELW)	-4.0

NOTES

1. DEPTHS ARE IN FEET AND REFER TO MLLW (MLLW = 0.0')
2. THIS LOCALITY IS SHOWN ON NOAA/NOS CHART No. 16594.

OUZINKIE, ALASKA
**OUZINKIE
 SMALL BOAT HARBOR**
 2002



SCALE IN FEET

OUZINKIE HARBOR, ALASKA
(CWIS NO. 87541)

Condition of Improvement 30 September 2011

AUTHORIZATION: (1) 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 rubble mound breakwater, entrance channel, and mooring basin of 2 acres to provide protected moorage for up to 72 vessels not to exceed \$4,000,000 in federal funds. (2) Public Law 106-53 increased the allowable expenditure of Federal funds to \$8,500,000 for construction.

EXISTING PROJECT:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Entrance Channel	225 ft	-16 ft	80 ft
• Mooring Basin	330 ft	-13, -11, -9 ft	Varies
• Breakwater	612 ft	N/A	Varies

PROJECT USAGE: The completed project provides protected moorage for both resident and transient fishing vessels with an average occupancy of about 40 boats. Residents of Ouzinkie rely heavily on both commercial and subsistence fishing.

PROGRESS OF WORK:

- 1996 - The harbor project is recommended for construction in May.
- 1997 - A construction contract is awarded.
- 1998 - Construction continues, but dredging problems are encountered. State of Alaska contributes maintenance funds for the non-federal portion of the project.
- 1999 - The original contract ends with 330 feet of breakwater constructed and the soft materials dredged.
- 2000 - Authorization to increase Federal participation in the project is received.
- 2001 - A Letter Report recommending completion of the remaining 282 feet of breakwater and rock dredging is issued in March.
- 2002 - The project is physically completed in August.
- 2006 - Aerial photography is taken in May.
- 2009 - A tidal datum update and project condition survey are conducted in July and August.

COST TO DATE:

CG Appropriation	\$8,109,513
CG Costs	\$8,109,514
CG Contributed Appropriation	\$1,303,325
CG Contributed Costs	\$1,303,325
O&M	\$431,175
O&M Contributed Costs	\$400,232

RANGE OF TIDE:	<u>Mean Range</u>	<u>Diurnal Range</u>	<u>Extreme Range</u>
	7.0'	9.1'	17.0'

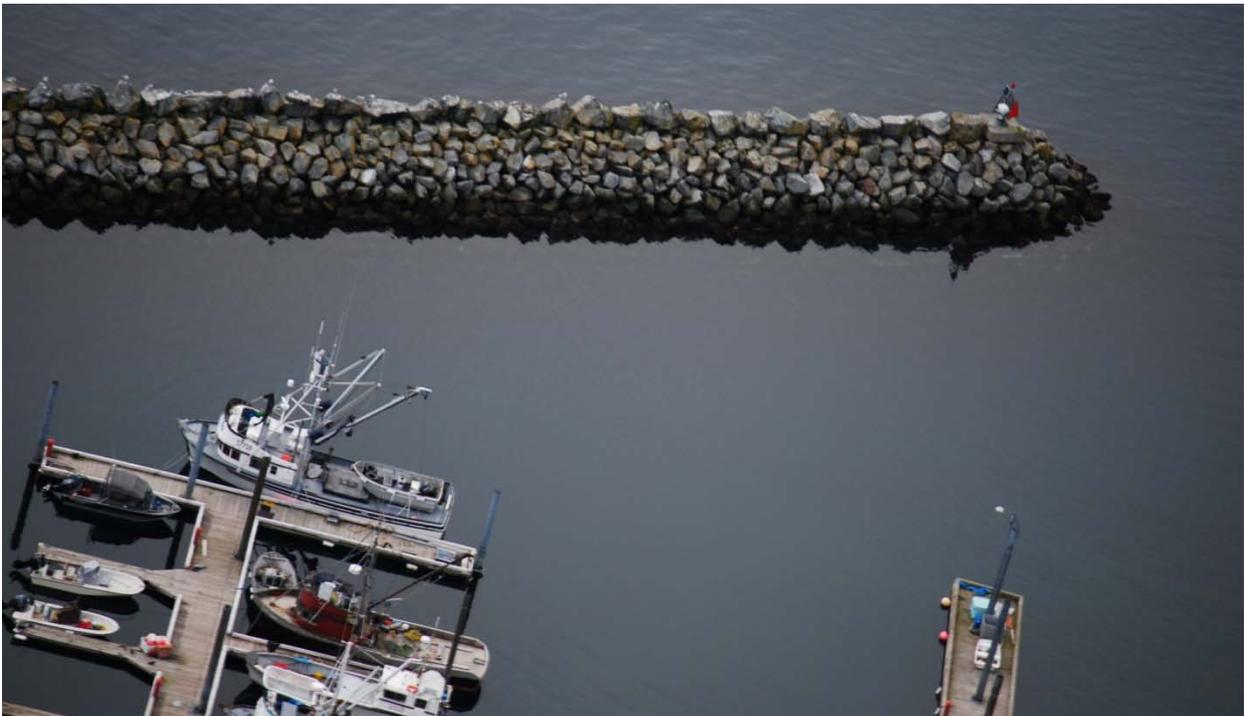
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OUZINKIE HARBOR, ALASKA (continued)

30 September 2011

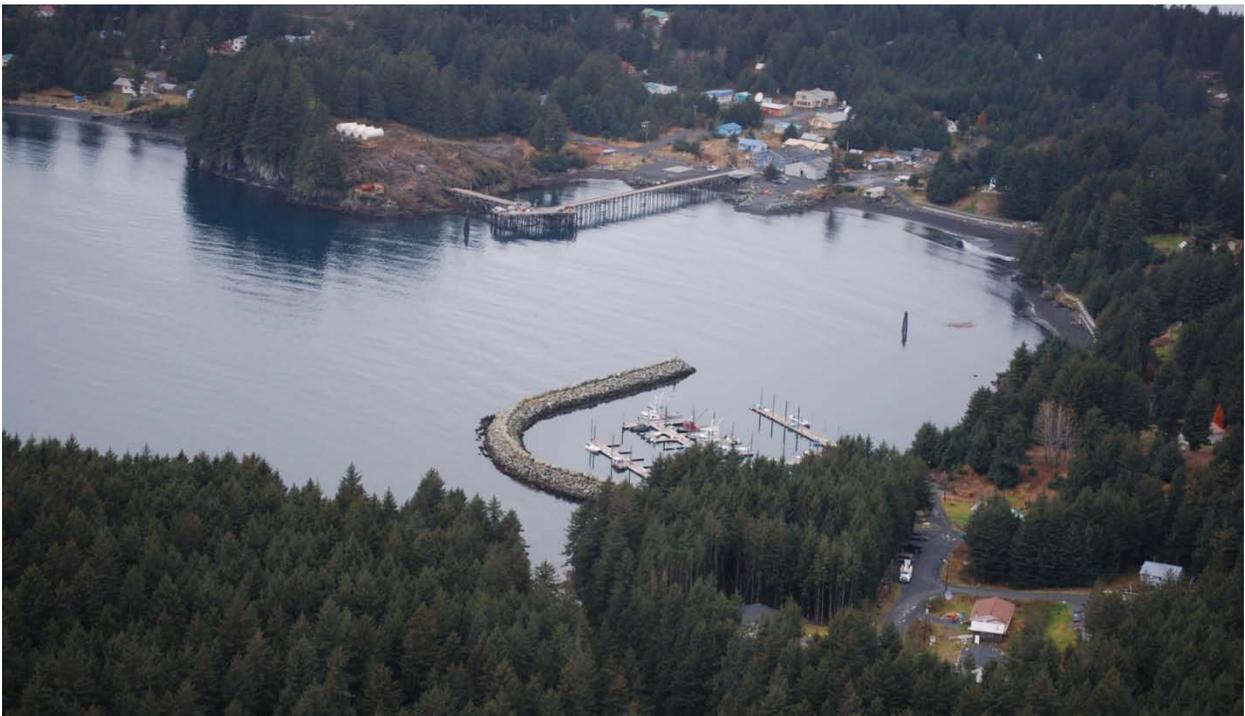
CONTROLLING DEPTH: Project depth is effectively available throughout the Federal portion of the basin, May 2007. In 2009 the controlling depth in the entrance channel is -17.0 feet, in the maneuvering area -14.3 feet, in mid harbor -12.8 feet, and in the harbor end -3.1 feet along the breakwater boundary and -8.7 feet in the middle end.

Ouzinkie Harbor, Kodiak Island, Ouzinkie, Alaska



Ouzinkie Harbor (top) and Ouzinkie breakwater (bottom) taken in 2009.

Ouzinkie Harbor, Kodiak Island, Ouzinkie, Alaska



Ouzinkie Harbor aerial photographs taken in 2009.