

# Ouzinkie Harbor



Condition of Improvements  
 30 December 2014  
**Ouzinkie Harbor, Alaska**  
 (CWIS No. 087541)

**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.

**Table 1**

<b>Existing Project</b>	<b>Length ft.</b>	<b>Width ft.</b>	<b>Depth ft.</b>
Entrance Channel	225	80	-16
Mooring Basin	330	varies	-9, -11,-13
Breakwater	612	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.

## Progress of Work

2006	Aerial photography is taken in May.
2009	CEPD required NOAA Tidal Determination and project condition survey are conducted in July and August.
2011	Comprehensive Evaluation of Project Datums (CEPD) Compliance report completed and recorded in March.

**Table 2 Cost to Date**

Project	Description	Cost \$
087541	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

**Table 3 Range of Tides in feet**

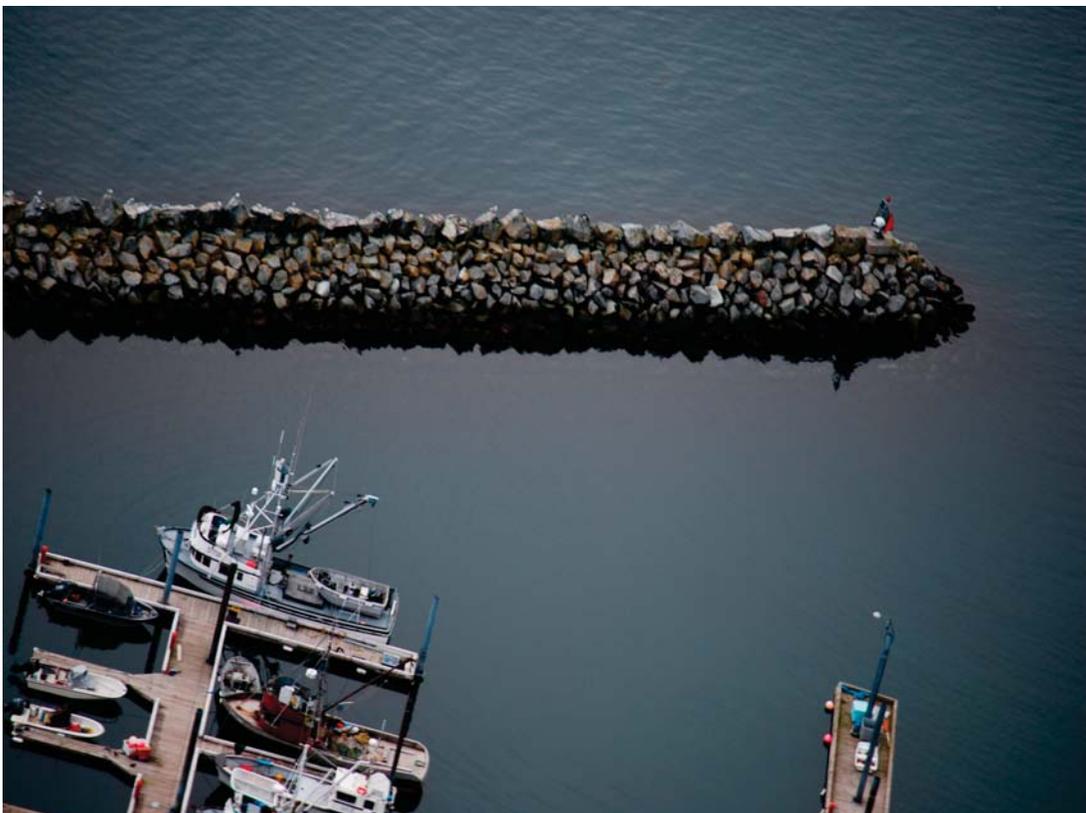
Tide Station	Mean Range	Diurnal Range	Extreme Range
945 7287 Ouzinkie AK	6.93	8.9	-

**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, Spruce Island, Alaska



Oblique of Ouzinkie Harbor, 2009.



Oblique of the Ouzinkie Harbor breakwater, 2009.