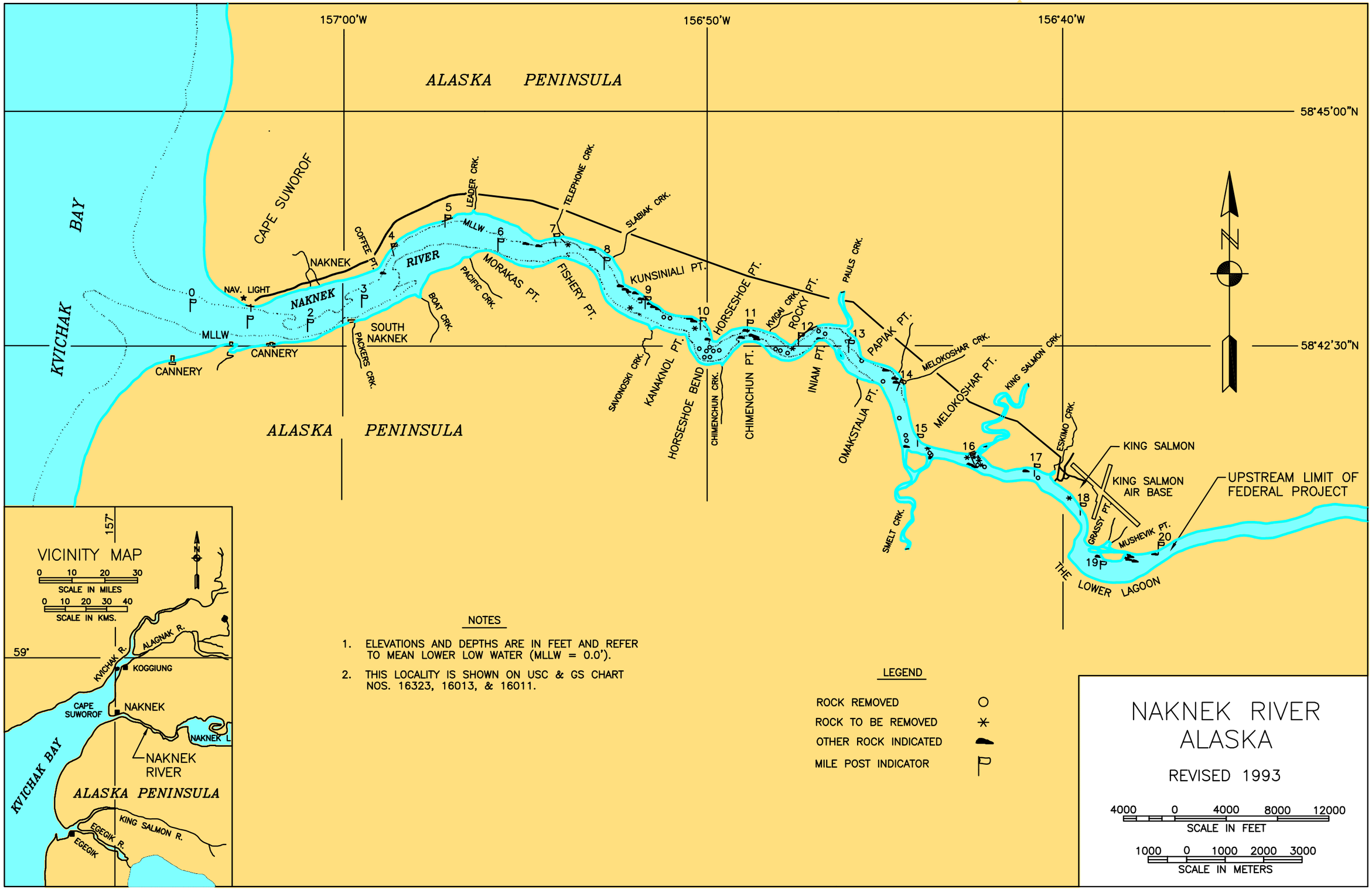
# Naknek River

CORPS OF ENGINEERS

U.S. ARMY




NOTES

1. ELEVATIONS AND DEPTHS ARE IN FEET AND REFER TO MEAN LOWER LOW WATER (MLLW = 0.0').
2. THIS LOCALITY IS SHOWN ON USC & GS CHART NOS. 16323, 16013, & 16011.

LEGEND

| | |
|---|---|
| ROCK REMOVED | ○ |
| ROCK TO BE REMOVED | ✳ |
| OTHER ROCK INDICATED | ▬ |
| MILE POST INDICATOR | P |

# NAKNEK RIVER ALASKA

REVISED 1993

4000 0 4000 8000 12000
SCALE IN FEET

1000 0 1000 2000 3000
SCALE IN METERS

# Condition of Improvements
# 30 December 2014
# **Naknek River, Alaska**
# (CWIS No. 072756)

**Authorization** Rivers and Harbors Act, 3 July 1958 (House Doc. 390, 84th Congress, 2nd Session) as adopted, provides for improvement of the channel in the Naknek River by removal of boulders at 43 locations between the mouth of the river and King Salmon.

## Table 1

| **Existing Project** | **Length** mi. | **Width** ft. | **Depth** ft. |
|---|---|---|---|
| Channel | 20 | varies | -3 |

**Project Usage** Channel clearance was required to allow power scows, tugs, and barges to lighter cargo upstream from ocean vessels anchored 6 miles off the mouth of Naknek River. Removal of the boulders between river miles 8 and 17 largely eliminated the hazardous conditions which caused vessel damage and cargo loss. The river is a supply route serving King Salmon and the U.S. Air Force installation there.

## Progress of Work

| | |
|---|---|
| 1960 | Blasting and removal of 28 obstructive boulders is accomplished during October. The remaining 15 boulders cited for removal were either already relocated by ice action or are no longer a hazard to navigation. |
| 1963 | A reconnaissance survey is conducted October-November. |
| 2001 | Seventeen large boulders are located by survey on the lower river from Mile 0 to Leader Creek, just past Mile 5. |
| 2003 | A total of 65 boulders are removed or buried on the lower river including the 17 specifically identified for removal. |
| 2005 | Vertical aerial photography is taken in October. |

## Table 2 Cost to Date

| Project | Description | Cost $ |
|---|---|---|
| 072756 | CG | 20,789 |
| | CG Appropriation | 265,557 |
| | CG Costs | 265,557 |

## Table 3 Range of Tides in feet

| Location | Mean Range | Diurnal Range | Extreme Range |
|---|---|---|---|
| Entrance | 18.5 | 22.6 | 28 |
| Anchor Hole | 15.1 | 17.8 | 21.4 |
| Air Base | 2.1 | 3.2 | 4.6 |

**Controlling Depth** The controlling depth was found to be -3 feet MLLW, October 1960.

# Naknek River, Alaska

Oblique of the Naknek River, October 2005.

Oblique of the Naknek River with South Naknek in the foreground , October 2005