DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: ____________________________

DESCRIPTIVE REPORT.

Sheet No. 5676

LOCALITY: ________________________

CHIEF OF PARTY: ___________________
U.S. COAST AND GEOGRAPHIC SURVEY
Register No. 2 2 0 9

STATE Alaska.

GENERAL LOCALITY Shumagin Islands.

LOCALITY Mist Harbor, Nagai Island.

Surveyed by M. O. Nelson, Aid.

Chief of Party H. C. Denson.

Date 1915.

Scale 1: 5, 000

Taked by Field Party
Lettered by Field party

HEIGHTS in feet above Mean LOW WATER.
Contour interval 100 feet.
DEPARTMENT OF COMMERCE
U.S. COAST & GEODETIC SURVEY,
E. LESTER JONES, SUPERINTENDENT.

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET 3520
of
MIST HARBOR, NAGAI ISLAND,
SHUKAGIN ISLANDS, ALASKA.
Surveyed during July, 1915
Scale 1/5,000
By Party of U.S.S. PATTERSON
H.C. Denson, Asst., Commanding
M.O. Nelson, Aid, Topographer.
Under Instructions from the Superintendent.
dated March 18, 1915.
Sheet No. 1
Number of Sheets is T. 3560

DESCRIPTIVE REMARKS TO ACCOMPANY TOPOGRAPHIC SHEET OF MIST HARBOR;
EAST SHORE, NAGAI ISLAND, SHUMAGIN ISLANDS, SOUTHWESTERN ALASKA.

** LIMITS: - This sheet covers Mist Harbor and the tangent entrance
headlands to the North and South.

GENERAL DESCRIPTION. Approaching the Harbor from seawards, one is
flanked by towering steeply sloped mountains on both sides. The
seaward tangents of these mountains are strongly marked to the
Southward by the prominent bluffs, fringed at the base by talus and immense rock fragments dislodged from the
upper cliffs. The Northwest ridge forming the North wall has a less
sharply marked bluff face to seawards at its Eastern terminal, but deep
ravines and jagged outcrops differentiate it by its ruggedness from the
green grass and alder brush covered slopes of the harbor. A long
narrow grass-covered boulder spit extends diagonally from the North
tangent WNW (true) about one mile. This is separated from a broader
and more rounded grass flat at the North end by a channel about 1/8
mile wide. Thus is formed an inner wind-locked harbor, and an outer
harbor or entrance, which is very rough during strong Easterly winds.

A strong tidal current was always noticeable in the Harbor entrance
especially just after tidal change.

Mist Mt. - Forming the S E Tangent of the harbor is of triangular
profile from seawards and rises to a summit of 1825 feet. Together
with a 1620 ft. hill to the S'ard it forms the dividing headland
between Mist Harbor and East Eight.

The 1104 ft. hill on the N E tan of the Harbor is not as distinct
as the sharply triangular 1470 ft peak just NWW of it along the same
ridge.

SURVEY METHODS. The Coast Survey Plane Table Outfit was used exclusiv-
ely for this work. Ample control was furnished by the triangulation.

Magnetic Observations were made with Magnetometer by Mr. Tincomini
in this Harbor.

M. C. Nelson
Aid, 9/26/2
Applied to chart 8859 Dec. 1942 E.N.A.