

# FE74

Diagram No. 8802-3

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

## DESCRIPTIVE REPORT

Type of Survey ... Field Examination .....

Field No. .... LJ-102-48 .....

Registry No. .... FE-74 .....

### LOCALITY

State ..... Alaska .....

General Locality .. Bristol Bay .....

Sublocality ..... Cape Newenham--Kvichak Bay .....

1948

CHIEF OF PARTY  
R.W. Knox

### LIBRARY & ARCHIVES

DATE ..... June 8, 1949 .....

☆U.S. GOV. PRINTING OFFICE: 1985-566-054

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as:

FE No.11 1948

# FE74

# FE No. 11 1948

FE-74

Diag'd. on Diag. Ch. No. 8802-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Reconnaissance Lines

Field No. LJ-102-48 Office No. F.E.No. 11  
1948

### LOCALITY

State Alaska

General locality Bristol Bay

Locality Cape Newenham - Kvichak Bay

1948

CHIEF OF PARTY

R.W.Knox

LIBRARY & ARCHIVES

DATE June 8, 1949

B-1870-1 (1)

FE No. 11  
1948

7152

See sounding vol with H. 7718  
for these sounding lines. F.E.#-11  
Fathograms filed in Libray 1948

FE 11 1948

50  
83

AIR MAIL

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS: Ship LESTER JONES, 705 Federal Office Bldg., Seattle 4, Wash.

TELEGRAPH ADDRESS:

1 November 1948

EXPRESS ADDRESS:

To: The Director  
U.S. Coast & Geodetic Survey  
Washington 25, D.C.

Subject: Hydrographic Survey, Bristol Bay

During the past season two (2) lines of soundings were run on boat sheet 10248, vicinity of Hagemeister Island and Cape Newenham, Bristol Bay, Alaska. These lines were recorded when running to Cape Newenham to investigate a site for a proposed E.P.I. station, and are of a reconnaissance nature in that the control is weak, particularly on the west to east line when hazy weather prevented fixes on the eastward end of the line; also the soundings must be reduced from predicted tides.

For these reasons it is suggested that these lines be plotted on a section of chart 8802 and submitted as a field examination.

*Robert W. Knox*

ROBERT W. KNOX  
Commander, USC&GS

*Not Card to  
acknowledge  
ced.*

83-bjm  
Washington 25, D. C.  
10 November 1948

Receipt is acknowledged, with thanks, of the above information.

Chief, Division of Charts

REVIEW OF FIELD EXAMINATION NO. 11, 1948

1. The work of this investigation is plotted on a section of Chart 8802 attached to this report. It consists of: (a) two lines of soundings extending south-eastwardly from Cape Newenham and (b) several lines of soundings in the eastern part of Bristol Bay. The dates on which this work was performed are recorded on the attached section of Chart 8802.
2. The work under (a) above is recorded in Vol. 1, of the sounding records of H-7718 (1948). No record has been received in this office for the work described under (b) above and, therefore, verification of the latter has not been performed.
3. The work of this investigation was controlled largely by dead reckoning and is admittedly weak. The soundings were reduced from predicted tides.
4. Many of the soundings obtained on these reconnaissance lines are not in harmony with the depths on Chart 8802. However, the charted depths, which originate with early reconnaissance surveys are believed to be less reliable than those obtained on the present investigation.
5. An appraisal of this work results in the following conclusions:
  - (a) The present work, although of questionable reliability, probably represents the actual depths in this area more nearly than those charted.
  - (b) Basic surveys are now in progress in this area. Until superseded by basic surveys, the shoaler depths on the present investigation should supplement the charted depths.

Reviewed by: T. A. Dinsmore

October 12, 1949

Inspected by: R. H. Carstens

Field Examination  
Bristol Bay

Ship Lester Jones 1948

Attached to F.E. # 11

Chart 8802

Sounding recorded with 4-7718  
 Sounding vols. for work done July 21, Aug 34, unable  
 to locate in vols. of 4-7718, - probably not submitted. BR 6/14/49

h 8802



Fe-11-1948

Fe-11-1948

HYDROGRAPHIC FIELD EXAMINATIONS

SHIP LESTER JONES

R.W. KNOX - COMDG.

July - Aug 1948

BRISTOL BAY

VAR 18° 00' E (1940)

ANNUAL DECREASE 2'

VAR 18° E

VAR 17° E

A

B

C

D

A

B

C

D

(chart 9833) FORT MILLER

(chart 8851) SEMIDI ISLANDS

ch. 9302 - partially applied 7/14/49 EHE  
cht 8802 " 10/26/50 Stegman