

FE 18

1935

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. N/A
Registry No. FE-18

LOCALITY

State Alaska
General Locality ... Cape Tanak
Sublocality Umnak Island, Aleutian
Islands

1935

CHIEF OF PARTY
H. B. Campbell

LIBRARY & ARCHIVES

DATE 1936

FE 18
1935

F00018

F00018

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 4 1936

U. S. COAST & GEODETIC SURVEY
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Acc. No. _____

F.E.4
(1936)

R.S.

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: Alaska

0320
0320
0320

DESCRIPTIVE REPORT

Topographic } Sheet No. 2535
Hydrographic }

LOCALITY

Aleutian Islands

Umnak Island

Cape Tanak

19 35

CHIEF OF PARTY

H. B. Campbell

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

HYDROGRAPHIC TITLE SHEET

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 2535

REGISTER NO.

State Southwest Alaska

General locality Umnak Island (Aleutian Islands)

Locality Cape Tanak

Scale 1 - 20,000 Date of survey August, 19 35

Vessel DISCOVERER

Chief of Party H. B. Campbell

Surveyed by I. R. Rubottom

Protracted by I. R. Rubottom

Soundings penciled by I. R. Rubottom

Soundings in fathoms ~~FEET~~

Plane of reference M. L. L. W.

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated April 13, 19 34

Remarks: This survey covers only a small area inshore
around Cape Tanak.

Note: This D.R. is the original of the duplicate filed in the D.R. of H-6277 (1935-36-37).

DESCRIPTIVE REPORT

to accompany

Hydrographic Sheet Field No. 2535 H-6277

Str. DISCOVERER, Season 1935

Project HT-177

AUTHORITY:

The work on this sheet was accomplished in accordance with Instructions dated April 13, 1934.

LIMITS:

This sheet covers the area inshore around Cape Tanak from Long. $167^{\circ} 56'$ westward to Long. $168^{\circ} 04'$.

METHODS OF SURVEY:

Standard survey methods were used throughout. Control was by visual fixes on objects located by plane table survey.

The ship's motor sailer was used. Soundings were taken with the handlead in depths up to approximately 10 fms. In depths over 10 fms. the soundings were taken by machine, which was geared to the engine of the launch.

Lines were run parallel to the beach.

DANGERS:

This survey was begun in an effort to prove or disprove the existence of a reported sunken rock off Cape Tanak, but necessary work in other areas of the project did not allow sufficient time to complete this survey. However there seems to be nothing to indicate that a rock exists any distance offshore.

In Lat. $53^{\circ} 34'.2$, Long. $167^{\circ} 58'.9$ is an area of general

shoaling that extends outward from the beach. A few stalks of growing kelp were seen at the above position while the regular system of lines were being run. Later in the day an effort was made to relocate this and investigate it, but the sea had become choppy in the meantime and the kelp could not be found.

Approximately one hour was spent feeling around with the lead in this area, but no shoaler depth was found than had been obtained previously. The party did no further work on this sheet afterwards, and had no chance to further investigate the area.

It is believed that there is a shoaler depth at the position of the kelp, and it should be investigated again.

Otherwise the area covered by this survey is complete.

DISCREPANCIES:

No previous survey of this area.

ANCHORAGES:

See Coast Pilot Notes for 1935, an extract of which is attached to this report.

DESCRIPTIONS OF HYDROGRAPHIC STATIONS:

Stations SEE ^{NOT} and NECK are permanently marked. For description refer to topographic report field sheet No. ^{T-6599} N 1935.

TIDAL DATA:

No tide gage or staff was installed in the vicinity of Cape Tanak. The curves for the observations at Bogoslof Island and at Skan Bay were compared and found to agree for time and height. Since Cape Tanak was approximately between the two places, the observations at Skan Bay were used for reducing the soundings.

Respectfully submitted,

Ira R. Rubottom
Ira R. Rubottom

Jr. H. & G. E., C. & G. Survey.

STATISTICS

Date	Day	Vol.	Soundings		Pos.	Statute Miles			Boat
			Wire	H. L.		Wire	H. L.	Total	
Aug. 27	a	1	21	565	115	1.5	17.7	19.2	S. M. S.
" 29	b	1	379	42	195	27.6	1.3	28.9	"
" 30	c	1&2	-125	168	109	10.8	6.9	17.7	"
Totals.....			525	775	419	39.9	25.9	65.8	

*✓
Cape Idak
Cape Tanak
Cape Chagak*

COAST PILOT NOTES

North coast Umnak Island, Cape Tanak.

"The survey of the north coast of Umnak Island was not completed. It is recommended that Cape Idak should be given a clearance of 1 mile and Cape Tanak and Cape Chagak should be cleared by 3 miles. Indications of a shoal area was found between Cape Tanak and Cape Chagak inside the above distance.

"Anchorage can be found 3/4 mile offshore in the bight west of Cape Tanak in 20 fms. (36.6m.), sandy bottom. This is a fair weather anchorage only.

"The positions of Otter Point, Cape Idak, Cape Tanak, and Cape Chagak, as shown on the chart, are in error. They should be moved approximately 5 miles to the westward."

The boat sheet, records, and smooth sheet, for the area covered by this report, are being turned over to the SURVEYOR for completion, as per Director's letter 22-RS, 1995 DI4, dated February 20, 1936. A tracing, made from the smooth sheet, of the work accomplished is being forwarded.

The unfinished topographic sheet ^{T-6599} is also being turned over to the SURVEYOR, and the descriptions of Topographic Stations NECK, SEE, and NOT are therefore enclosed herewith.

Respectfully forwarded,

H. B. Campbell
per J. M. Smook
H. B. Campbell,
per J. M. Smook.

Duplicate

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
Form 524

DESCRIPTION OF HYDROGRAPHIC OR TOPOGRAPHIC STATION.

H

NAME OF STATION: SEE STATE: Alaska COUNTY: Umnak Island
 CHIEF OF PARTY: H. B. Campbell YEAR: 1935 LOCALITY: Cape Tanak
 METERS
 φ: 53 33 Scaled from hydrographic topographic sheet number N 1935 T-6599
 λ: I67 58 Dutch Harbor Datum.
 Surface station-mark, Note* 4 Reference mark, Note* Elevation, 5 ft. above M. H. W.
 Underground station-mark, Note* Witness mark, Note*

Detailed description: A standard disc cemented in a drill hole on the step like part of a large knobby rock which lies just on the east side of the creek which is 1 1/2 miles east of Cape Tanak, Umnak Island. The rock is on the H. W. line and can be easily distinguished as it is the largest rock in the immediate vicinity, and at the time had tufts of long grass growing on top. The disc is stamped 'SEE 1935'.

96. J. Seaborg

Duplicate

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
Form 524

DESCRIPTION OF HYDROGRAPHIC OR TOPOGRAPHIC STATION.

H

NAME OF STATION: NECK STATE: Alaska COUNTY: Umnak Island
 CHIEF OF PARTY: H. B. Campbell YEAR: 1935 LOCALITY: Cape Tanak
 METERS
 φ: 53 33 Scaled from hydrographic topographic sheet number N 1935 T-6599
 λ: I68 0 03 Dutch Harbor Datum.
 Surface station-mark, Note* 3 Reference mark, Note* Elevation, 8ft. above M. H. W.
 Underground station-mark, Note* Witness mark, Note*

Detailed description: A standard disc cemented in a crevice on top of a large irregular rock which is one of a group which form the rocky blunt end of a projection of the shoreline some 1 1/2 miles west of Δ Tanak (on Cape Tanak) on Umnak Island. The rock is about 2 meters outside of the H. W. line and bares 8 ft. at high tide. The disc is stamped NECK 1935.

96. J. Seaborg

* Refers to pp. 42 and 43, Special Publication No. 26.

Duplicate

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
Form 524

DESCRIPTION OF HYDROGRAPHIC OR TOPOGRAPHIC STATION.

H

NAME OF STATION: N OT STATE: Alaska COUNTY: Umnak Island

CHIEF OF PARTY: H. B. Campbell YEAR: 1935 LOCALITY: Cape Tanak
METERS

φ: 53 32 Scaled from hydrographic topographic sheet number N 1935 T-6599

λ: I67 57 Datum: Dutch Harbor

Surface station-mark, Note* 4 Reference mark, Note* Elevation, 5 ft. above M. H. W.

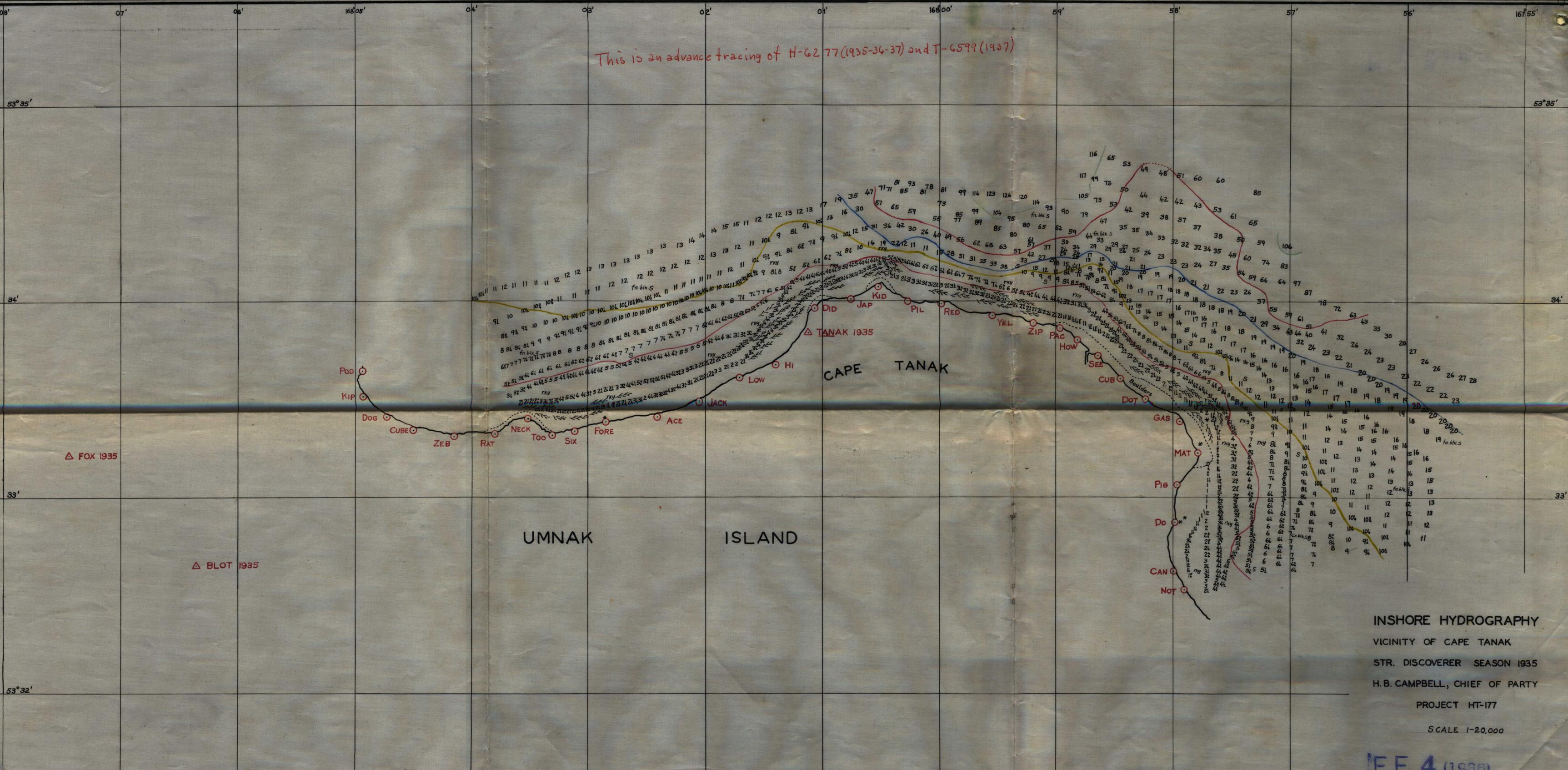
Underground station-mark, Note* Witness mark, Note*

Detailed description: A standard disc cemented in a drill hole on the sloping top of a large slate colored rock located some 3 miles east of Cape Tanak and about 2 miles west of Δ Green. The rock is set in the sand and gravel beach 5 meters inside the H. W. line and is the only rock along the shore for several hundred meters either way. The disc is stamped ' NOT 1935 '.

96. J. Seaborg

* Refers to pp. 42 and 43, Special Publication No. 26.

This is an advance tracing of H-62 77 (1935-36-37) and T-6599 (1937)



INSHORE HYDROGRAPHY
VICINITY OF CAPE TANAK
STR. DISCOVERER SEASON 1935
H. B. CAMPBELL, CHIEF OF PARTY
PROJECT HT-177
SCALE 1-20,000

F.E. 4 (1936)

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applied to drawing of chart No. 8802 before review

S. B. Maigs 1937