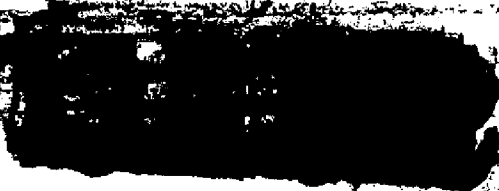


83
STA

~~CANCELLED~~
~~1452~~
LIBRARY AND ARCHIVES



SURVEY,
AND ARCHIVES
251911

3152

Department of Commerce and Labor COAST AND GEODETIC SURVEY	
_____ Superintendent.	
State <u>Washington</u>	
DESCRIPTIVE REPORT.	
_____ Sheet No.	
LOCALITY: <u>Alki Point to Grace Point,</u> <u>Puget Sound, Washington</u>	
_____ 190	
R. CHIEF OF PARTY: <u>H. B. Herickson</u>	

3152

31523

REPORT OF REVISION SURVEY

NO. 3
APPROVED
JUN 25 1914
No.

From Alki Point to Brace Point, Puget Sound, Wash.

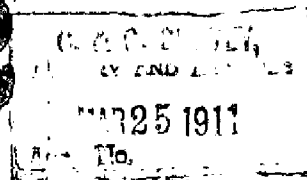
Working on a scale of 1:10,000 a traverse line was carried by means of plane-table and stadia, southward along the shore as far as the improvements extended. The houses are all frame structures most of which are painted. With the exception of the church and a couple of small stores they are all dwellings. Many of them are used only as summer cottages and are very poorly built.

For the greater portion of the distance the shore line is backed by a rather precipitious bluff, and on the plateau behind this lies West Seattle. The land was originally all heavily timbered but the narrow level strip bordering the shore is now almost cleared of its original growth and is partially occupied by gardens and orchards.

The approximate geographical location of Alki Point Light is Latitude $47^{\circ} 34' 35.7''$ Longitude $122^{\circ} 25' 10.8''$.

3152

REVISION SURVEY



POINT PULLY,

PUGET SOUND, WASHINGTON.

This work was done with a plane-table using the usual scale of 1:10,000. The houses are all frame and are for the most part poorly built, being used only for summer residences.

At the gravel pit shown about one-half mile east and south of Point Pully is a large excavation made by taking gravel from the bluff. This is done by washing the gravel into the bins on the beach through long launders. The wharf is fitted with tracks and an arrangement at its outer end for dumping the tram-cars into scows.

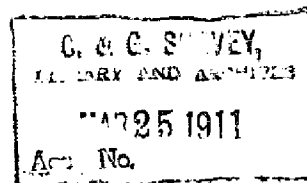
The approximate geographical location of Point Pully is, Latitude $47^{\circ} 27' N.$ Longitude $122^{\circ} 23' W.$

3152

REVISION SURVEY.

PUGET SOUND, WASHINGTON.

SHEET "D".



This sheet covers a couple of ranches with their houses, barns and out-buildings. The buildings are all frame.

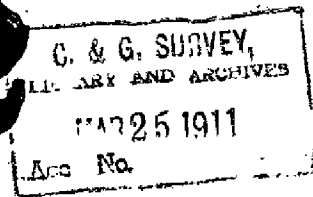
The location of these ranches is about one and one fourth miles south east of Point Pully, on the east shore of Puget Sound, in Latitude $47^{\circ} 26' 25''$ North and Longitude $122^{\circ} 21' 10''$ West.

The work was all done with a plane-table, scale 1:10,000.

To accompany Sheet "E"

3152

REVISION SURVEY.



"DESMOINES"; PUGET SOUND, WASHINGTON.

Sheet "E" includes about two miles of shore line on the East side of Puget Sound opposite Robinson Point. The work was all done with a plane-table working with a scale of 1:10,000.

The name of the town and post office is "DesMoines". The houses are all frame. The saw mill at the time of the survey was not fully constructed and the work on it was stopped. When it is finished it will be larger than shown on the sheet.

About one-half mile south of the most southerly house shown is a logging camp with a few piles driven but no permanent structures.

Agricultural pursuits are the chief support of the place.

The approximate geographical location of one of the points where the plane table was set up was determined from the cuts taken to be Latitude 47° 23' 25", Longitude 122° 19' 30". This point is marked on the sheet.

To accompany Sheet "F"

3152
3152
REVISION SURVEY

TOWN OF "REDONDO".

Acc No.

PUGET SOUND, WASHINGTON.

The geographical location of this town is about latitude $47^{\circ} 20' 30''$ ^{North} and longitude $122^{\circ} 20'$ ^{West}. The houses are all frame and a large portion of them are used only in the summer. The one wharf shown is constructed for vessels drawing about nine feet of water. The larger buildings near the wharf are stores and are painted white.

The brick-works are open sheds and the saw-mill is a very small one and is not visible from the water.

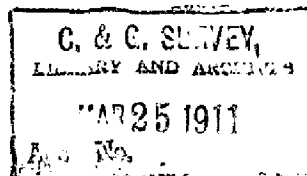
To accompany Sheet "G".

3152

REVISION SURVEY.

PUGET SOUND, WASHINGTON.

NEAR "ADELAIDE" POST OFFICE.



This sheet locates several farm houses with their barns and out-buildings. They are on the east shore of Puget Sound at about latitude 47 20' 10" and longitude 122 21' 30". The houses are all small frame buildings and most of them are painted. The barns etc. are not painted. Considerable ground about the buildings is cleared and occupied with orchards and open fields.

Top 3152

REVISION SURVEY.

PUGET SOUND, WASHINGTON.

U. S. SURVEY, RECORDS AND ARCHIVES	
7251911	
Acc	No.

SHEET "H".

This sheet takes in about one mile of the eastern shore of Puget Sound around a small bay called "Dumas Bay". This is at latitude 47 19' 40" North and longitude 122 22' 40" West.

The houses are all frame and most of them are painted. Several fields are cleared of their original timber and have been planted to fruit trees.

To accompany Sheet "I".

Top = 1732

3152	
REVISION SURVEY.	
DASH POINT;	
PUGET SOUND, WASHINGTON.	
MAR 25 1911	
At No.	

PUGET SOUND, WASHINGTON.

All the houses shown on this sheet are frame and most of them are well built and painted. The wharves shown are built to accomodate boats drawing about ten feet of water.

The signs marked on the sheet just south of Dash Point. are large advertisements and are quite conspicuous from the water.

Dash Point is at latitude 47 19' 10" North and longitude 122 25' 40" West.

Top = 1752
3152
REVISION SURVEY.
PUGET SOUND, WASHINGTON.
SHEET "J".

U. S. SURVEY,
U. S. ARCHIVES
1911
Arch. No.

This sheet locates some farm houses and their out-buildings on the west shore of Puget Sound and the south-east side of Maury Island in about Latitude 47 21' 32" N and Longitude 122 26' 34"W.

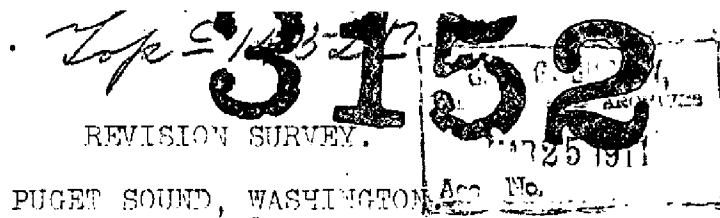
The houses are small, painted, wooden buildings and are inconspicuous. The long shed shown is a chicken house.

This sheet locates several houses and two small wharves at a sand cliff on the West side of Puget Sound and on the south-east shore of Maury Island. The Geographical location of these houses is about latitude 47 21' 40" N. and Longitude 122 26' 35" W.

The wharves were constructed for the purpose of loading gravel from the bluff into scows etc. and will accomodate a boat drawing about ten feet of water.

The houses are frame and are mostly painted . These shown back from the water line are at the top of the ridge and being visible from the water they form a very noticable land-mark for this part of the Sound. The cliff on which these houses are located is about 375 feet high and a large portion of its front is barren of vegetation owing to the operations of taking out gravel.

To accompany Sheet "L".



PUGET SOUND, WASHINGTON

POINT ROBINSON.

Robinson Point is at Latitude 47 23' 20" North and Longitude 122 22' 20" West. All the buildings on the point are frame and are painted white. The signs shown south of the point are large advertisements. They are built of wood and are very prominently seen from the water but are not very permanent.

The light is supported on a tower or framework of wood, which also is painted white. The sheds near the light are the power-house and boiler room for operating the steam whistle.

Top 3152

REVISION SURVEY.

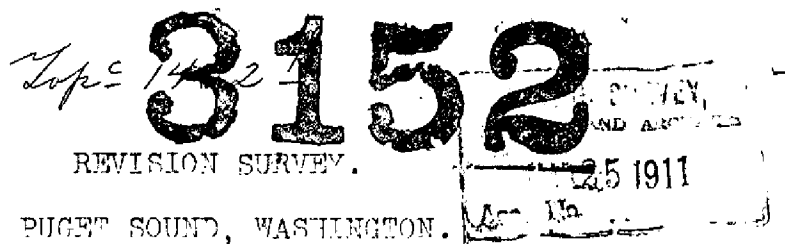
PUGET SOUND, WASHINGTON.

SURVEY, AND ARCHIVES
1925 1911
Acc No.

SHEET "M".

This sheet locates one house and some platforms built for dancing etc. on the north shore of Maury Island. The place is named "Luana Beach" and is intended to be an amusement park. The dancing floors have sheltering roofs built like Japanese houses and painted white, and these are conspicuous from the water.

The latitude of this place is 47 23' 50" North and its longitude is 122 23' 15" West.



SHEET "N".

This sheet located some farm-houses and scattered sheds etc. about one mile east of the town of Portage, and on the north end of Maury Island. The buildings are all frame. The houses are painted but are small and of poor construction.

The approximate geographical location of this place is, Latitude 47 24' 00" North and Longitude 122 24' 30" West.

To accompany Sheet "O".

3152

REVISION SURVEY.

NOV 25 1911

"PORTAGE" AND "CHAUTAUQUA",

PUGET SOUND, WASHINGTON.

The place called "Portage" is located on the narrow neck of land between the head of Quartermasters Harbor and Puget Sound. It is at latitude 47° 24' 20" and longitude 122° 26' 05".

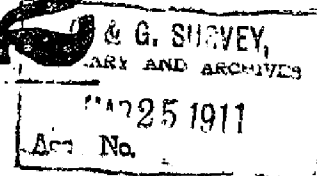
All the houses located on this sheet are frame. They are nearly all painted and are with few exceptions visible from the Sound. The two wharves shown are built to accomodate vessels drawing only about nine feet of water.

Top = 3152
3152

REVISION SURVEY.

PUGET SOUND, WASHINGTON.

, SHEET "P".



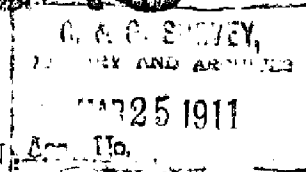
This sheet locates one house and some out-buildings on the east shore of Vashon Island about one half mile north of Point Heyer. The latitude of the place is 47 25' 50" N. and its longitude is 122 26' 05" W.

The house is frame painted white and is on a level plot of ground at the top of a bluff about 200 feet high.

Top = 3152

REVISION SURVEY.

PUGET SOUND, WASHINGTON.



SHEET "Q".

This sheet locates some houses, barns, etc. on the east side of Vashon Island at about latitude $47^{\circ} 26' 15''$ North and longitude $122^{\circ} 26' 30''$ West. The plane-table was first set up on the ruins of a wharf still standing and from this set-up the cuts were taken.

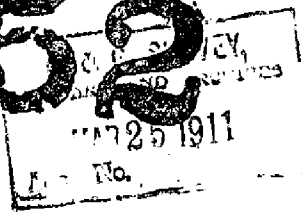
All the buildings are frame. The house nearest the set-up from which the cuts were taken is painted red and forms a prominent landmark as it is quite large and stands on a high bluff.

To accompany Sheet "R".

REVISION

"VASHON",

PUGET SOUND, WASHINGTON.



Vashon Landing is located on the east side of Vashon Island about one and one-half miles north of Point Hayer. It is at 47 27' 00" North latitude, and 122 26' 18" West Longitude.

The brick-works consist of large open sheds, a steam power plant and the brick making machinery. It is located at the mouth of a small creek.

The houses near the beach are small frame buildings of poor construction and are used only in the summertime. The three houses shown a short distance from the water are frame also but are well built dwellings. All the houses are painted.

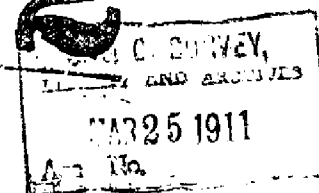
The wharf is intended to be used by vessels drawing only about ten feet of water.

Top = 1482
3152

REVISION SURVEY.

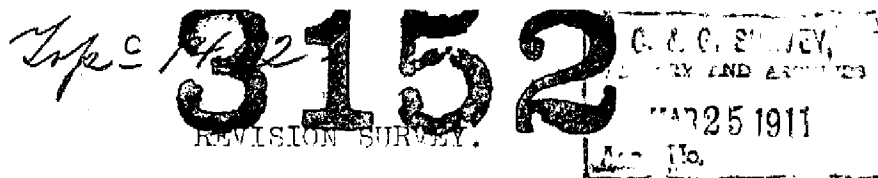
"GLENACRES",

PUGET SOUND, WASHINGTON.



SHEET "S".

This sheet locates some houses and a wharf on the east side of Vashon Island at latitude 47° 28'30" North and longitude 122° 26'40" West. The houses are all frame and are mostly painted. The wharf is built out far enough to accomodate vessels drawing about nine feet of water. The name of this landing is "Glenacres".



"AQUARIUM",
PUGET SOUND, WASHINGTON.

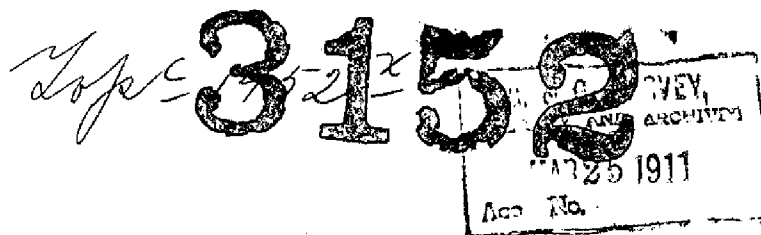
SHEET "T".

This sheet locates several houses and their out-buildings at a place called "Aquarium", on the east side of the north point of Vashon Island and about one half mile south of Dolphin Point. The latitude of the place is about 47 29' 50" North and the longitude is 122 27' 25" West.

The houses are all frame. The brick works is a small factory which was not in operation at the time the survey was made. The wharf accomodates boats drawing only about ten feet of water.

Top = 3152
TO ACCOMPANY SHEET U
JUL 25 1911

On this sheet is located the only wharf between Points Vashon and Dolphin. It is known as Dolphin Landing. There are only a few houses here . They are built on the high shore and are prominent.



TO ACCOMPANY SHEET V

This sheet takes in the villages of Colby, Harper and Landsdale and their wharves. The northerly wharf is at Colby. The first wharf south is a private freight wharf but is out of water at low tide. South of this is another private wharf consisting of wooden trusses supported on iron frames. The next wharf is the steamboat landing at Harper. Across the head of the cove south of this wharf is a bridge and extending outward from the middle is a double row of piling supporting a narrow foot bridge. The last wharf on the sheet is at Landsdale. A wharf is contemplated about halfway between Colby and Harper, measured along the shore, the piling being assembled on the point at the time the survey was made.

South of the Colby wharf is a lumber mill. In the cove south of Harper is a brick works with a prominent chimney.

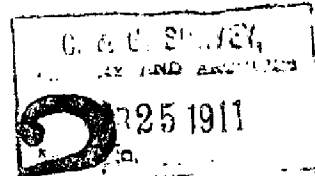
The houses are wooden frame and are painted.

In South Colby are two churches whose spires are visible from the Sound.

A magnetic station was occupied about 450 meters south of the wharf at Colby and 7 meters back from high water.

Top = 14524

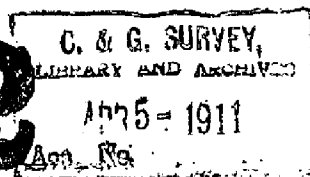
3152



TO ACCOMPANY SHEET W.

On this sheet is the wharf of Manchester and several houses on each side of the road leading from the wharf. The houses are painted for the most part. About 230 meters south of the wharf on the beach is a square, three story summer hotel. The country is wooded directly back of the houses.

3152

SEXTANT LOCATION NO. 1.

Three small frame houses on the east side of Puget Sound near the mouth of a small creek, and about 1-1/2 nautical miles south of Brace Point in approx. Lat. $47^{\circ} 29' 45''$ Long. $122^{\circ} 22' 30''$, were located by the following sextant angles:

At Point "A".

Beans Point to Rt.tang. Blake Id.	$6^{\circ} 29' 30''$
Rt.tang.Blake Id.to Lt.tang. " "	9 12 00
Lt. " " " " Pt.Vashon	11 13 00
Pt.Vashon to Pt.Pully Light	97 08 00
Total	124 02 30
Observed total to check	124 00 30

Point "A" is the west corner of a rectangular frame dwelling house 30'x 45' of approx. 20 meters back from the beach.

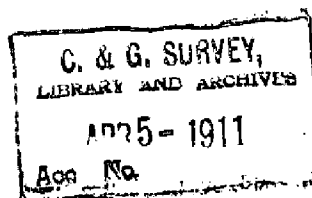
At Point "B"

Rt.tang.Blake Id.to Lt.tang.Blake Id.	$08^{\circ} 53' 00''$
Lt.tang.Blake Id. to Point Vashon	10 35 00
Point Vashon to Pt.Pully Light	95 40 00
Total	115 08 00
Observed total to check	115 10 00

Point "B" is 10 meters S.E. of the S.E. corner of a rectangular frame dwelling house 30'x 45'

Distances plotted to scale of 1:10000 on attached tracing.

R. B. Elden Topographer.



SEXTANT LOCATION NO.2.

Four small frame houses on the east shore of Puget Sound, about 1-1/4 nautical miles north of Dash Pt., in approximate Lat. 47°20'35" Long. 122°23'35", were located by the following sextant angles:

Pt. "A"

Robinson Pt.Light to Point Piner	80°	51"	30"
Point Piner to Point Neil	18	31	30
Total	99	23	00
Observed total	99	22	00

Pt. "B"

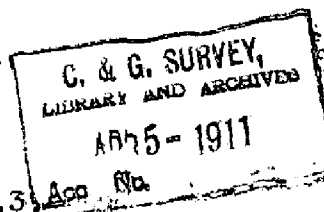
Point Piner to Point Neil	18	04	00
Point Neil to Point Defiance	8	32	00
Total	26	36	00
Observed total	26	44	00

Point "A" is directly in front of a frame dwelling about 30'x 40' and approx. 10 meters back from high water.

Point "B" is 10 meters N.E. of the N.E.corner of a frame dwelling house 30'x 45'.

Distances to scale of 1:10000

R.B. Elder Topographer.



SEXTANT LOCATION NO. 3

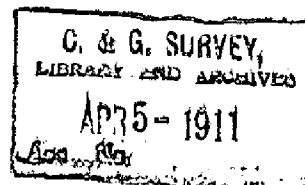
A logging tramway built of two parallel rows of logs about 5 meters apart and extending from the beach backward a distance of about 95 meters situated on the east shore of Puget Sound, 1-1/8 nautical miles north of Bash Point, in approximate Lat 47°19'23" Long. 122°24'05", was located by the following sextant angles:

Pt. Robinson Light to Point Piner	80° 00' 30"
Point Piner to Point Neil	19 12 00
Total	99 12 30
Observed total	99 14 00

Station is 5 meters back from high water and at foot of tramway.

Distances to scale of 1:10000.

T.B. Elder Topographer.



SEXTANT LOCATION NO.4.

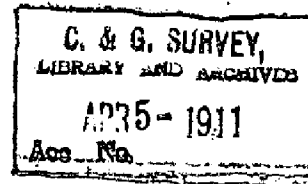
An abandoned frame dwelling house 20'x 35' south of a small creek about 5/8 nautical miles north of Dash Point on the east shore of Puget Sound, in approx. Lat. 47°19'13" Long. 122°24'50" was located by the following sextant angles:

First Pt.north to Robinson Point Light	38° 24' 00"
Robinson Pt.Light to Point Piner	78 13 00
Point Piner to Point Neil	23 40 00
Total	140 17 00
Observed total	140 12 00

Station is 15 meters N.W. of N.W. corner of house and is covered at high water.

Distances to scale of 1:10000.

A. B. Elden Topographer.



SEXTANT LOCATION NO. 5.

An old wharf on the east shore of Puget Sound, 1/2 nautical mile north of Dash Point and in approx. Lat 47°19'08" Long.

122°25'01" was located by the following sextant angles:

Shore North to Robinson Pt. Light	40° 04' 00"
Robinson Pt. Light to Point Piner	78 00 00
Point Piner to Point Neil	24 45 30
Point Neil to Point Defiance	11 20 30
2 and Total first 3 angles	118 04 30
Observed total last 3 angles	114 06 30

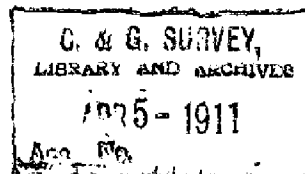
Robinson Pt. Light to Outer Pile of Wharf 67° 50' 00"

Station is on the inner end of wharf about 5 meters back from high water.

The wharf is destroyed at the outer end and the road leading to it is badly washed out.

Distances to scale of 1:10000

R. B. Elder Topographer.



SEXTANT LOCATION NO.6.

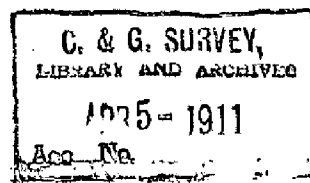
Two frame dwelling houses 30'x 45' on the east shore of Puget Sound about 360 meters back from high water, $\frac{3}{8}$ nautical miles north of Dash Point and in approx. Lat. $47^{\circ}19'07''$ Long. $122^{\circ}25'07''$, were located by the following sextant angles:

Robinson Point Light to Point Piner	76° 36' 00
Point Piner to Point Neil	25 40 00
Total	102 16 00
Observed total	102 14 30
Point Piner to Far House	121 45 00

Station is on the top of an old stump about 115 meters from high water.

Distances to scale of 1:10000.

R. B. Elden Topographer.



SEXTANT LOCATION NO. 7.

The Steamboat wharf on Dash Point, Puget Sound, Wash, approx. Lat $47^{\circ} 19' 13''$ Long. $122^{\circ} 25' 35''$, was located by plane table map and also by the following sextant angles:

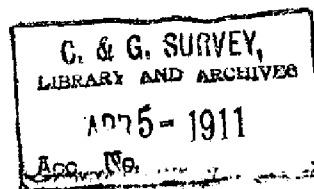
Shore North to Robinson Pt. Light	$40^{\circ} 34' 30''$
Robinson Pt. Light to Point Piner	75 54 00
Point Piner to Point Neil	29 02 00
Total	145 30 30
Observed total	145 22 30

Point Neil to Last Pile of wharf North 111 35 00.

Station is at high water on inner end of wharf.

Distances to scale of 1:10000.

T. B. Elder Topographer.



SEXTANT LOCATION NO.8.

A wharf and two houses on Point Piner; northerly house 50'x 65'; southerly house 40'x 55', in approx. Lat. $47^{\circ}20'33''$ Long. $122^{\circ}27'40''$ were located by the following sextant angles:

Pt.Neil to Smelter Stack(Tacoma)	27° 36' 00"
----------------------------------	-------------

Smelter Stack (Tacoma) to Brown Pt.Lt.	52 50 30
--	----------

Total	80 26 30
-------	----------

Observed total	80 27 00
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Smelter Stack (Tacoma) to Brown Pt.tang.	50 57 00
--	----------

Brown Pt.tang.to Shore North	87 53 00
------------------------------	----------

Total	138 50 00
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Observed total	138 40 00
----------------	-----------

Brown Pt.tang. to House No.1	117 51 00
------------------------------	-----------

Brown Pt.tang. to House No.2	125 37 00
------------------------------	-----------

Inner end of wharf to Point Neil	134 50 00
----------------------------------	-----------

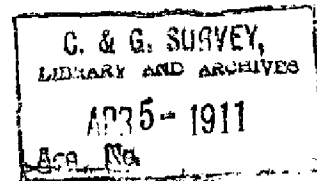
House No.3 to Point Neil	68 47 00
--------------------------	----------

Station is at outer end of wharf which is approximately 148 meters in length.

Distances to scale of 1:10000.

R.B. Elder

Topographer.



SEXTANT LOCATION NO.10.

The Steamboat wharf, Post Office, and two rectangle frame houses Raeco, on the east shore of Maury Island, Puget Sound, about one nautical mile south of Robinson Point Light, approx. Lat. $47^{\circ}22'53''$ Long. $122^{\circ}23'40''$, were located by the following sextant angles:

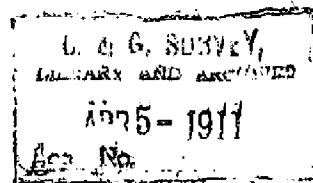
Near H.W.tang. to First point South	02° 26' 00"
First Point South to Point Piner	13 03 30
Point Piner to Smelter Smoke Stack(Tacoma)	03 45 30
Smelter Smoke Stack to Pt.Brown Lt.	19 36 00
Total	38 51 00
Observed total	38 48 00
Brown Pt.Light to First Point North	130 17 00
First Point North to North corner House	05 08
North cor.House to North cor.House	122 07 00
North cor.House to Along Wharf	33 24 30
Along Wharf to Near H.W. South	30 23 00

Station is on outer end of wharf which is 100 meters long.

There is a narrow gauge railway along the shore and a waggon road leading from the wharf. The P.O. and house nearest it are about 40'x 55'. The other house about 30'x 45'.

Distances plotted to scale of 1:10000.

H. B. Elder Topographer.



SEXTANT LOCATION NO. 11.

Three rectangle , painted, frame cottages, about 45'x 50', on the east shore of Maury Island, Puget Sound, about 1-3/8 nautical miles south of Robinson Point Light, approximate Lat. 47°22'50" Long. 122°24'10", and a floating wharf about 1-1/4 miles south of the houses, were located by the following sextant angles:

First Point South to Point Piner	13° 10' 30"
Point Piner to Smoke Stack (Tacoma)	03 24 30
Smelter Smoke Stack to Point Brown Lt.	20 20 00
Total	36 55 00
Observed total	36 49 00

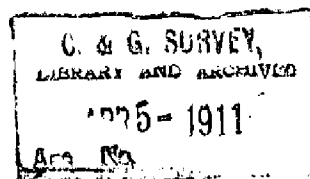
At Station.

Inner end of floating wharf to Outer end (on range with first point south)	02 51 00
House to First Point South	15 28 00
Point Brown to First Point North	130 20 00

Station is 5 meters back from high water and at N.E. corner of house.

Distances plotted to scale of 1:10000.

J. B. Elder Topographer.



SEXTANT LOCATION NO.12.

Two frame houses, 20'x 35' and three sheds 50'x 100' on the east shore of Maury Island, Puget Sound, about 150 meters back from the shore, 3/8 nautical miles S.of Robinson Point Light, approx. Lat. 47°23'12" Long. 122°22'58", were located by the following sextant angles:

Point Piner to Brown Point Light	21° 27' 00"
Brown Point Light to Dash Point	01 33 30
Total	23 00 30
Observed total	23 00 00

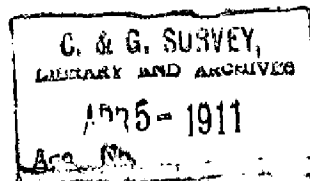
At Station "A"

House No.1 to Brown Point Light	124 40 00
House No.2 to Brown Point Light	142 50
Houses No's 3 & 4(on range) to Pt.Piner	150 45 00

Station is about 145 meters back from high water

Distances plotted to scale of 1:10000.

T.B. Elder Topographer.



SEXTANT LOCATION NO. 13.

A steamboat wharf 95 meters long on the east shore of Maury Island, Puget Sound, about $3\frac{1}{8}$ nautical miles north of Robinson Point Light, approx. Lat. $47^{\circ}23'40''$, Long. $122^{\circ}22'47''$, was located by the following sextant angles:

Point Pully to Point Dolphin	22° 53' 00"
Point Dolphin to Point Beals	02 38 00
Point Beals to Point Heyer	09 31 00
Total	35 02 00
Observed total	35 04 00

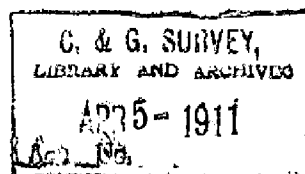
At Station "A"

Point Beals to Inner end of wharf	122 35 00
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Station is on outer end of wharf.

Distances plotted to scale of 1:10000.

R. B. Elder Topographer.



SEXTANT LOCATION NO. 14.

Four frame houses 35'x 45', on the east shore of Maury Island, about 1-1/8 nautical miles north of Robinson Point Light, approx. Lat. $47^{\circ} 23' 58''$, Long. $122^{\circ} 23' 47''$, were located by the following sextant angles:

Point Pully Light to West Point(?)	14° 44' 00"
West Point (?) to Point Dolphin	15 01 00
Point Dolphin to Point Beals	00 55 00
Total	30 40 00
Observed total	30 40 00

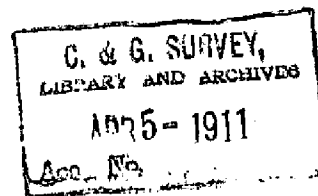
At Station "A"

House to Point Beals	139 45 00
Point Beals to House	84 35 00

Station "A" is on high water directly in front of House, as shown on accompanying tracing.

Distances plotted to scale of 1:10000.

A. B. Elder Topographer.



SEXTANT LOCATION NO.15.

Two frame houses 35'x 46' on the east shore of Vashon Island, about 3/8 nautical miles south of Point Beals, are in approx.Lat.47° 37'40" Long. 122° 26'12", were located by the following sextant angles:

Point Heyer to Point Robinson Light	22° 29' 00"
Point Robinson Light to Pt.Pully Light	42 50 00
Total	65 19 00
Observed total	65 17 00

At Station.

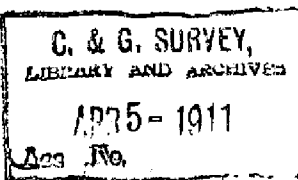
Point Pully to House 119 15 00

Station is 34 meters east of S.E.corner of house .

Distances plotted to scale of 1:10000.

R.B. Elder Topographer.

3152

SEXTANT LOCATION NO.16.

A frame, painted, dwelling house, 50'x 65' on the east shore of Vashon Island, about 1/4 nautical miles south of Point Beals, in approx. Lat. $47^{\circ}27'52''$, Long. $122^{\circ}26'07''$, was located by the following sextant angles:

Point Heyer to Point South of Point Pully $44^{\circ}27'00''$

Point south of Pt. Pully to Pt. Pully Light 17 58 00

Total 62 25 00

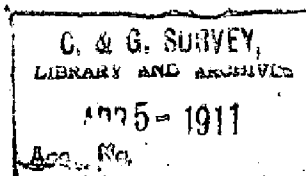
Observed total 62 25 00

House to Point Heyer 115 00 00

Station is 40 meters N.E. of N.E. corner of House.
and approx. 150 meters back from the beach.

Distances to scale of 1: 10000

R. B. Elder Topographer.

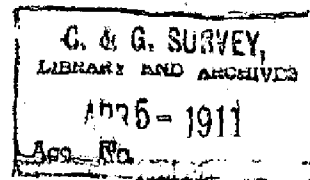


SEXTANT LOCATION NO. 17.

A private wharf known as Dilworth, on the east shore of Vashon Island about $1/8$ nautical miles south of Point Beals in approx. Lat. $47^{\circ}27'51''$, Long. $122^{\circ}25'58''$, and four frame houses about $20' \times 35'$, situated on Point Beals, were located by the following sextant angles:

Point Heyer to Robinson Point Light	24° 30' 00"
Robinson Pt. Light to Pt. S. of Pt. Pully	22 03 00
Pt. S. of Pt. Pully to Pt. Pullt Light	17 30 00
Total	64 03 00
Observed total	64 02 00
Pt. S. of Pt. Pully to West Point (?)	129 30 00
West Point (?) to H. W. at Pt. Beals	118 44 00
H. W. at Point Beals to Outer end of Houses	13 41 00
H. W. at Point Beals to Inner end of Houses	30 29 00
H. W. at Point Beals to Inner end of Wharf	81 47 00
Station is on outer end of wharf.	
Distances plotted to scale of 1:10000.	

T. B. Elder Topographer.



SEXTANT LOCATION NO.18

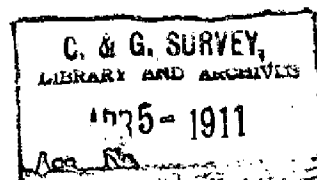
Three frame houses, 40'x 55' and a wireless signal station on the east shore of Vashon Island, about 3/8 nautical miles west of Point Beals, in approx Lat. $47^{\circ}27'58''$ Long. $122^{\circ}26'23''$, were located by the following sextant angles:

Brace Point to Point Williams	06° 46' 00"	
Point Williams to Point Dolphin	33 26 00	
Total	40 12 00	
Observed total	40 13 00	
Point Dolphin to Wireless Signal Pole	26 42 00	dis.75M
Point Dolphin to House	38 04 00	" 45 M
Point Dolphin to House	74 40 00	" 140 M
Point Dolphin to House	137 53 00	" 14 M

Station is 14 meters north of north corner of House.

Distances plotted to scale of 1:10000.

L. M. Fisher Topographer.



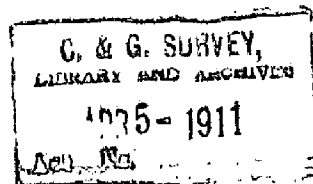
SEXTANT LOCATION NO.19.

Two frame houses, the nearer one 40'x 55', the other 20'x 35' on the east shore of Vashon Island, about one naut. mile north of Point Beals in approx.Lat. $47^{\circ}28'46''$, Long. $122^{\circ}26'59''$, were located by the following sextant angles:

Along south shore to Pt.Pully Light	$07^{\circ} 22' 00''$	
Point Pully Light to Alki Pt.Light	$110^{\circ} 15' 00''$	
Alki Point Light to West Pt.Tang.	$07^{\circ} 55' 00''$	
West Point tang. to Point Dolphin	$04^{\circ} 14' 00''$	
Point Dolphin to House north	$54^{\circ} 10' 00''$	Dis.35M
House north to House at Station	$92^{\circ} 56' 00''$	" 10M
House at Station to Along south shore	$84^{\circ} 14' 00''$	

Station is 15 meters from high water.
Distances plotted to scale of 1:10000.

B.B. Elders Topographer.



SEXTANT LOCATION NO.20.

Two frame houses, the larger about 50'x 65'p the smaller 20'x 35', on the east shore of Vashon Island, about 1-1/8 naut. miles north of Point Beals, in approx. Lat. 47°28'53", Long. 122°27'10", were located by the following sextant angles:

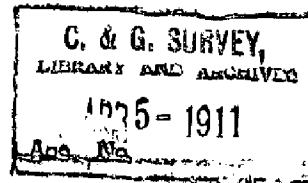
Shore south to Point Pully Light	02°37'00"
Point Pully Light to Alki Pt.Light	109 17 00
Alki Pt.Light to West Pt.and Dolphin Point (On range)	08 17 00

Station is 10 meters east of north corner of large House.

Distances plotted to scale of 1:10000.

B. B. Elder Topographer.

3152

SEXTANT LOCATION NO. 21.

Two frame houses, 60'x 25', on the east shore of Vashon Island, about 1/8 nautical miles south of Point Dolphin, in approx. Lat. 47° 30' 10" Long. 122° 27' 05", were located by the following sextant angles:

Point Beals to Pt. Robinson Tan. 04° 50' 00

Pt. Robinson Tan. to Pt. south of Pt. Pully 14 35 00

Pt. South of Pt. Pully to Pt. Pully Lt. (?) 03 46 00

Total 23 11 00

Observed total 23 16 00

Along Shore north 83 47 00

Along shore north to House 84 56 00 dis 13 M

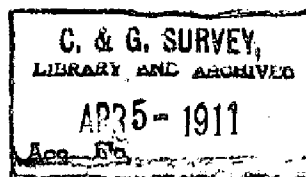
House to House 66 36 00.. 52 M

Station is 13 meters south of N.E. corner of northerly house and 14 meters from high water.

Distances plotted to scale of 1:10000.

R.B. Elder Topographer.

3152

SEXTANT LOCATION NO. 22.

A wireless telephone signal tower 320 feet high, on the east shore of Puget Sound, about $5\frac{1}{8}$ nautical miles north of Point Williams and $3\frac{1}{4}$ nautical miles back from shore, in approx. Lat. $47^{\circ}32'27''$, Long. $122^{\circ}22'35''$, was located by the following sextant angles:

Alki Point to Restoration Point	17 ⁰ 55' 00"
Restoration Point to R.tan.Blake Id.	29 24 00
R.tan.Blake Id. to L.tan.Blake Island	11 34 00
L.tan.Blake Island to Point Vashon	15 48 00

Station is about half way to the top of the tower, which is 1-1/2 meters square.

Distances plotted to the scale of 1:10000.

L. M. Fisher ALD Topographer.