

# 3230

Diag. Cht. No. 6002-Z

Form 504

U. S. COAST AND GEODETIC SURVEY  
DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey *Hydrographic*  
Field No. .... Office No. *3230*

### LOCALITY

State *Washington*  
General locality *Grays Harbor*  
Locality *South Bay*

1941

CHIEF OF PARTY

*G. J. Rude*

LIBRARY & ARCHIVES

DATE .....

# 3230

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U. S. SURVEY,  
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Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

*O. W. Tittmann*  
Superintendent.

State: *Washington*

DESCRIPTIVE REPORT.

*Hydrographic*, Sheet No. *R 3230*

LOCALITY:

*South Bay*

*Goats Harbor*

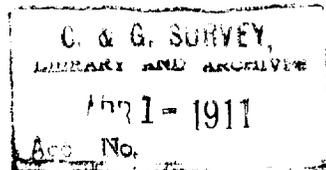
*Original*  
1901

CHIEF OF PARTY:

*G. T. Rude Mast*

3230

Descriptive report to accompany  
Hydrographic Sheet No. ~~X~~ 3230  
South Bay, Grays Harbor, Wash.  
C. & G.S. Stmr. "McArthur",  
February & March, 1911.



Gilbert T. Rude, Assistant  
Chief of Party

Henry Bernhardt, Mate  
Hydrographer

The hydrography on this sheet covers South Bay from about 3/4 mile northward of the wharf at Westport to the Elk river and into Beardsley slough. Lines were run approximately east and west from 50 to 100 metres apart, crossed by lines about right angles thereto, and about 100 metres apart. The work was done from ship's whaleboat at times when weather conditions were unfavorable for work in the South Channel, and without plotting positions in the field, as a sheet covering this work had not been laid out yet. Lines were run on ranges whenever practicable.

The location of some of the objects used for positions were determined by hydrographic party by sextant cuts while sounding.

Soundings were taken at intervals of 20 seconds. The flats on both sides of the channel are quite extensive and irregular in shape, thus causing the channel to run a somewhat crooked course from Westport wharf. The channel from Westport is narrow in places, but fairly good water can be carried beyond Laidlaw. From Westport the channel is unmarked. The flood current sets south and the ebb north, but neither are as strong as in the South Channel. A Company are establishing a whaling station on the bluff point near Bay City, and a wharf there is nearing completion.

Approved

*Gilbert T. Rude*, Assistant

*Henry Bernhardt*, Mate  
*Hydrographer*

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Statistics for Hydrographic Sheet

3230

Acc. No.

Date	Day	Boat used	Statute Miles of Sounding	No of Sounding	No of Positions
Feb. 20th, 1911	l	Whaleboat	14.3	801	121
" 21st, "	m	"	9.0	491	54
" 28th, "	p	"	5.9	403	44
March 6th, "	t	"	5.2	308	48
" 9th, "	w	"	4.3	239	32

VEC  
Apr. 25, 1911.

HYDROGRAPHIC SHEET 3230.

South Bay, Grays Harbor, Washington, by Asst.  
G.T. Rude in 1911.

*Jose Ori*  
*and*  
*4/26/11*

TIDES.

	Westport
	ft.
Mean lower low water, or plane of reference on staff	4.2
Lowest tide observed	" " 1.6
Highest " "	" " 16.9
Mean range of tide	6.9

United States Hydrographic Survey  
APR 25 1911  
TIDAL DIVISION.

Exp Sheet No 3230

Aug 18 1911

The area covered by this survey is  
well developed.

The records are clear and well kept  
H. L. Simmons

Verified;

Sept. 21, 1911

R. L. Johnston