

3552

Diag. Cht. No. 1218-2

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. Office No. H-3552

LOCALITY

State NEW JERSEY

General locality CAPE MAY & RICORD CHANNELS

Locality

1913

CHIEF OF PARTY

J. B. Boutelle

LIBRARY & ARCHIVES

DATE DECEMBER, 8, 1913

B-1870-1 (1)

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C. & G. SURVEY,
 LIBRARY AND ARCHIVES
 DEC - 8 1913
 Acc. No. _____

D E S C R I P T I V E R E P O R T

to Accompany Hydrographic Sheet No. 3552.

Examination of Cape May and Ricord Channels, N. J.,

N O V E M B E R 1 9 1 3

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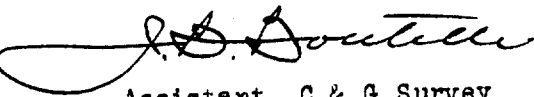
An examination of these channels to ascertain changes was made, and buoys determined. See report to the Superintendent, Coast and Geodetic Survey, of this date. A fair sheet projection and a boat sheet accompany this report. Signals or objects determined, buoys and all soundings, reduced for tide, have been plotted on the boat sheet.

A tide gauge was established at Lewes, Delaware, Queen Anne R.R. pier; it is the same gauge used in August 1913 by the party of Assistant P.C. Whitney and soundings have been reduced to M.L.W. on this gauge.

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TABLE OF RECORDS AND STATISTICS.

Date 1913	Letter	Vol.	Pos.	Sdgs.	Miles	Boat
Nov. 18	A	1	23	120	4.4	"Endeavor"
" 19	B	1	45	250	6.1	"
" 20	C	1	106	646	18.0	"
Totals -----			174	1016	28.5	

Respectfully Submitted,

 Assistant, C. & G. Survey,
 Comdg. Str. "Endeavor".

HYDROGRAPHIC SHEET 3552.

Cape May and Ricord Channels, New Jersey and
Delaware, by Assistant J. B. Boutelle in 1913.

TIDES.

	Lewes, Del. ft.
Mean low water, or plane of reference on staff	5.2
Lowest tide observed " "	2.2
Highest " " " "	13.7
Mean range of tide	4.3

Hyd. Sheet No. 3552.

This work is of little value, except to show the present channel and to confirm the report made by the Coast Pilot's Office, that radical changes have occurred since last surveyed and a new survey is badly needed. As far as it goes, this work is all right.

R. L. Johnston

Soundings expressed in feet.

Protracted by R. L. J.

Plotted & inked by R. L. J.

Verified by G. L. J.