

6916

Diag. Ch. No. 1204-Z

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. C Office No. T 6916

LOCALITY

State Maine

General locality Damariscotta River

Locality West shore, between

East Boothbay and Reed Island.

194 3

CHIEF OF PARTY

L. P. Raynor

LIBRARY & ARCHIVES

DATE February 21, 1944

B-1870-1 (1)

6916

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

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

Field No. C

REGISTER NO.

State Maine

General locality Damariscotta River

Locality West Shore- East Boothbay to Reed Island

Scale 1:10,000 Date of survey August 31, 1943

Vessel LYDONIA

Chief of party L. P. Raynor

Surveyed by Robert H. Randall, Jr.

Inked by Robert H. Randall, Jr.

Heights in feet above - to ground to tops of trees

Contour, Approximate contour, Form line interval - feet

Instructions dated July 22, 1943

Remarks: _____

AUTHORITY

The work covered by this report was accomplished in accordance with the instructions in the Director's letter of July 22, 1943, reference 826-RCR.

PURPOSE AND SCOPE

The work was executed to establish definitely the shore line along the west shore of the Damariscotta River between East Boothbay and Reed Island where accurate compilation of air photographic survey T-5991 was prevented by deep shadows on the photographs.

METHODS

The survey was made by planetable traverse between the signals located on the air photographic survey. Distances were by stadia and orientation by alidade upon the most distant of the visible signals on either shore.

RESULTS

The shoreline as determined agrees substantially with that shown by air photographic survey T-5991 although minor details and the low-water line were disclosed in greater detail. In most cases only one set up of the planetable was necessary between successive signals so that closures were well within those allowable.

Respectfully submitted,

R. H. Randall, Jr.

Robert H. Randall, Jr.
Jr. H. & G. Engr.,
U.S. Coast and Geodetic Survey

Approved and forwarded:

L. P. Raynor
L. P. Raynor,
Lieut. Comdr., C. & G. S.
Chief of Party.

This survey has been applied to air photographic survey T-5991 (1941-43). Further consideration by the Hydrographic Survey Section is considered unnecessary at the present time.

R.H. Casstevens
4/14/47

	Names:	Remarks	Decisions
1	<u>Maine</u>		USGB
2	<u>Damariscotta River</u>		438695
3	<u>Kinekin Neck</u>		"
4	<u>Farnum Point</u>		"
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Names underlined in red approved
by L. Heck on 4/26/44