## 6925 a&zb

Graphic Control

Diag'd on Diag. No. 1204-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Topographic Graphic Control
T-6925 a
Field No. A-43, B-43 Office No. T-6925 b

#### LOCALITY

State Maine

General locality Muscongus Bay

Locality Muscongus Bay & Muscongus Sound

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CHIEF OF PARTY

L. P. Raynor

LIBRARY & ARCHIVES

DATE December 21,1943

B-1870-1 (1)++

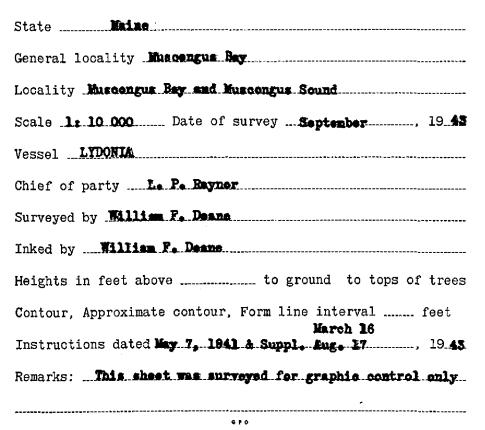
#### TOPOGRAPHIC TITLE SHEET

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

A-43 Field No.B-45

T-6924a

REGISTER NO.T-6924b



76927

#### DESCRIPTIVE REPORT

#### te accompany

TOPOGRAPHIC SHEETS A-45 (REG. NO. T-6924a) and B-45 (REG. NO. T-6924b)

#### PROJECT CS-265

U.S.C.& G.S.S. LYDONIA

L. P. RAYNOR, COMMANDING

#### 1943

Authority: This survey was made in compliance with the Director's Instructions dated May 7, 1941 and Supplemental Instructions dated March 16, 1943 and August 17, 1945.

Scope: The area embraced by this survey is bounded by Leng. 69°25° on the east, Leng. 69°30° on the west, Lat. 45°52.5° on the south, and Lat. 45°58° on the north.

Mothods: Standard planetable methods were used throughout. Shoreline was surveyed only in the vicinity of set-ups for graphic control. The survey is primarily one of graphic control to locate signals for use in hydrography. Only two stations could be occupied as a base for this control, these were: Gull 1859 and Browns Head, 1934. The remainder of the triangulation stations recovered were used for resection and orientation purposes. No traverses were run.

Accuracy of Survey: No tie could be made to triangulation stations at the north end of the northerly sheet since no stations were in existence. At check in azimuth was made on the Round Pond church spires and the agreement was exact in the case of the white spire but was approximately three meters out on the brown spire. This party received conflicting local advice as to repairs to both churches so it is assumed that the check in azimuth was sufficient. An exact check or agreement was made on objects in Round Pond and Long Cove as shown by the air photo compilation.

Recoverable stations: Descriptions and positions of marked stations are submitted on Form No. 524.

Magnetics: Magnetic meridians were taken with a declinatoire at topographic station Rid, and triangulation stations Bar Island Chimney, Browns Head, and Gull.

#### Statistics:

Miles of graphic control control, linear 14.3 Area in square statute miles 9
Number of stations located 58

Respectfully submitted,

William F. Deane, Lieute, Cat G.S.

Approved and Forwarded:

DRRUGO L. P. Raynor, Lieut. Comdr., Commanding LYDONIA This graphic control cheet has been compared with contemporary hydrographic surveys No feirther services by the Hydrographic Surveys Section is necessary at the present time. RH. Caratens 6/6/46

# MEMORANDUM IMMEDIATE ATTENTION

<u>,                                     </u>			ĺ	received			
SURVEY DESCRIPTIVE REPORT > PHOTOSTAT OF	No. H No. T	T6925 a. T6925 b Grophle Centers		registered verified reviewed approved	Dec.	21,	1943

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

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