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1916

3625

U.S. COAST AND GEODETIC SURVEY
NO. 5
No. 318

Department of Commerce and Labor
COAST AND GEODETIC SURVEY, No.

Superintendent.

State:

DESCRIPTIVE REPORT.

Top = Sheet No. 3625

LOCALITY:

191

CHIEF OF PARTY:

11-4645

3625

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

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DEPARTMENT OF COMMERCE
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Report to accompany Plane Table
Sheet of Plymouth Harbor and
vicinity.

Limits

This sheet includes the shoreline from
Indian Hill northward to Brandt Rock
including Plymouth Harbor, Kingston
Bay, Duxbury Bay and Duxbury Marsh.

No attempt to get the Topog of the country
behind the shoreline was made except
the streams of the marshes, which are
plotted from sextant angles recorded
in the angle book.

General Character of Coast:—

From Indian Hill northward to

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The beginning of the long spit known as Plymouth Beach, or Long Beach, the shore is rocky with several outlying tide rocks especially off Mansuet Point, off White Horse Beach and about Rocky Point. White Horse Rock is a whitish boulder rising about ten feet above M. W. L. The rocks outside White Horse Rock shown by the tide rock symbol are the outer ones bars and ~~is~~ located when the T. O. P. was done. The dotted line outside is drawn from a cut from Rocky Point at a rock awash at very low water.

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The Rocks shown at Marconi Point
bare at ordinary low tides those off
Rocky Pt. only at low low tides.

There are also tide rocks near the shore
at Sunset Point and off Sagush
Head and in Kingston Bay above the
Cardage plant.

Plymouth Beach is low and sandy
The heavy black line extending almost
to the end of the spit represents a
barricade against the sea built of un-
joined granite rocks several feet in
diameter. Most of its length this barricade
is about six feet above the sand. The outer
beach of the spit is wide with hard clean

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sand. The inner or harbor beach is narrow
and made of shelly sand mud and grass

Along much of the bay shoreline there
is grass stopping gradually ~~to~~ down
from high water mark. Sometimes
this grass looks like wetlands at half tide
but covers at high water. This seems to be
the reason for the fringing wetlands shown
on the chart (e.g. along the S.E. shore
of Clarke Id. When this grass is off
flat marsh which itself covers at extreme
high tides, the high water mark is indefinite.
This is especially true of the inner shore
of Sagush Creek. Have indicated
such shoreline by a solid line for

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ordinary high water mark and made
the grass symbol outside it

Roads

Did not run roads except a few streets
in Plymouth. Did not see anything wrong
with roads shown on the chart except the road
from Squish Head to Gurnet and Green Harbor
From Squish to Gurnet there is no road though
vehicles do occasionally pass over and
between the low sand dunes or at low
tide along the beach. The same is true between
Gurnet and Green Harbor except in the
neighborhood of "High Pines" and north of
Two where the way is plainly marked

Miscellaneous

The Wireless Mast at Plymouth shown
on the chart is gone.

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Along the shores occupied by summer cottages there are many boat landings quickly built of light timbers and not at all permanent. Marked such B.L. on the sheet while landings of more or less permanent nature are marked as boat wharfs. Sea walls are shown by heavy lines
Land marks

Filed in Div. Charts
Letter #498 (1916) There is attached a list of prominent objects with their descriptions and D.M.'s and D.P.'s except such as were located by the old triangulation.

Respect. Submitted

A.M. Dailey, Asst.

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TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3625

State Mass.

General locality . . Plymouth Mass.

Locality . . Indian Hill to Brandt Rock

Chief of party . . . J. H. Hawley

Surveyed by L. M. Dailey

Date of survey . . . June & July 1916

Scale 1:20,000

Heights in feet above . . Mean Sea Level

Contour interval feet.

Inked by . L. M. Dailey . Lettered by . J. M. Dailey .

Records accompanying sheet (check those forwarded): Photographs, ~~8~~

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet . some tracings of streets of Plymouth and Durbury Streets

Remarks:

* Sofar as lettered