

47, 49, 50 and 51

Diag. Ch. Nos. 369-1, 1214-1 & 1215-1

Form 504	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
....., Director	
<div style="border: 1px solid black; width: 100px; height: 80px; margin: 0 auto;"></div>	
State: <u>New York</u>	
DESCRIPTIVE REPORT	
Popographic Hydrographic	Sheet Nos. 47 49 50 51
LOCALITY	
<u>South Coast of Long Island</u>	
" " " " "	
<u>New Inlet</u>	
<u>So. Shore Long I. - Off Rockaway Beach</u>	
102 <u>1835</u>	
CHIEF OF PARTY	
<u>T. R. Gedney</u>	

GOVERNMENT PRINTING OFFICE

47, 49, 50 and 51

IN REPLY ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

AND REFER TO No. 25-EF

WASHINGTON

February 8, 1930.

To: The Chief, Section of Field Records.
From: The Chief, Division of Tides and Currents.
Subject: Plane of reference for Hydrographic Sheets Nos. 47, 49,
50 and 51.

In reply to your memorandum of February 7th requesting information in regard to the plane of reference for the above hydrographic sheets for work off the south shore of Long Island by Thomas R. Gedney in 1835 the following is submitted:

Hydrographic Sheet 47 - Soundings plotted direct from sounding record, no tide reducers being used. Sounding record has apparently been copied and may represent reduced soundings.

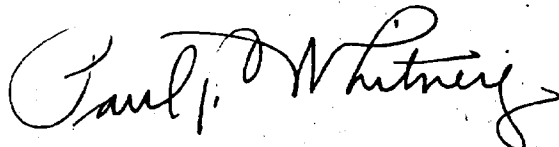
Hydrographic Sheet 49 - No sounding record could be found.

Hydrographic Sheet 50 - Soundings taken on day covered by sheet cannot be identified.

Hydrographic Sheet 51 - Dates of soundings not given and no record could be identified for sheet.

A search was made for additional records in the Library and Archives but none could be found.

An examination of tidal records for Sandy Hook used later in the season of 1835 by Thomas R. Gedney for the reduction of soundings shows that the plane of reference was derived from a few selected lowest tides observed. As this seems to have been the common practice at that time the plane of reference used for the above hydrographic sheets would probably be from half a foot to a foot below the present datum of mean low water.



Chief, Division of Tides and Currents.

In view of the above statement a note was placed on the original sheets H. 47, 49, 50 and 51 to the effect that the plane of reference is approximate mean low water.

Feb. 13, 1930

E. P. Hill