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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

....., Director

G. & G. SURVEY
L. & A.
AUG 28 1930

State: *New York*

Acc. No.

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No.

3.

LOCALITY

Long Island
Between Rockaway and
Fire Island Inlet

1935

CHIEF OF PARTY

C. Renard

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

AND REFER TO NO.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

Memorandum regarding projection on Topographic Sheet No. 3

In placing a correction on this sheet to show the N. A. datum the only points for which N. A. values were obtainable were Fire I. W. Base and Pavilion.

If the original projection were changed to conform to the N.A. value of Fire I. W. Base then there would be an apparent error in longitude of 30 meters at Pavilion.

The discrepancy was investigated by the Division of Geodesy, and the actual differences between the old values of the two points and their N. A. values was found to vary 0.28 second in longitude, and the differences of the latitudes were negligible. It is assumed that the excessive difference of the old projection in longitude is due to the fact that inadequate values were originally used.

In applying the N. A. projection the values of W. Base and Pavilion were accepted and the apparent error in longitude was adjusted for the intermediate meridians.

May 6, 1930.