DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: New York

DESCRIPTIVE REPORT

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LOCALITY

Long Island
Between Rockaway and
Fire Island Inlet

10/35

CHIEF OF PARTY

C. Renard
Memorandum regarding projection on Topographic Sheet No. 5

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, 1950.