State: California.

DESCRIPTIVE REPORT

LOCALITY
San Francisco Bay
Calaveras Point to
Green Point Landing.

1931.

CHIEF OF PARTY
U. S. Reading.
Descriptive Report
Sheet No. T-4647

This sheet is a compilation of one successive group of five lens photographs taken by the Army Air Corps, May 2, 1931. The flight was made in a westerly direction denoted as the "Z" flight and consists of photographs Z-1 to Z-23, inclusive. (Plane.—Fairchild; pilot—Lieutenant Wallace; altitude—5000 feet; camera—Type T-3-A, No. 30-1.)

Limits

On the northwest this sheet joins sheet No. 4648; on the south, sheet No. 4646. Other limits are shown as the limits of the photographs could be accurately plotted.

Control

The triangulation stations used to control this sheet were established by W. Musetter in 1925 and by C. C. Jones in 1931. No supplementary control was used.

Compilation

The projection was made upon celluloid to the average scale of the photographs. The average scale factor as determined from the preliminary radial plot is 1.01. The shoreline of topographic sheet No. 4626 was transferred and used as a guide when the photographs were plotted. No appreciable differences from sheet No. 4626 were noted in making the photographic plot.

All triangulation stations were plotted. Station "Goose", however, could not be identified on the photographs upon which it occurred without a considerable error and its plotted position on these photographs is questionable. Consequently, when the radial plot was made, this station was not rigidly held to.

In general no difficulty was experienced in sketching or tracing the detail from the photographs. Due to considerable tilt present in photographs No. 14, 15, and 16, it was necessary to make a photostat of No. 15, corrected for tilt.
Symbols

Standard topographic symbols were used. No distinction was made between grassland or pasture areas and those designated as reclaimed marsh.

Respectfully submitted,

Leonard A. McEwan,

APPROVED:

O. S. Reading,
Chief of Party.

APPROVED:

K. T. Adams
FIELD RECORDS (O)

Chief, Division of Charts

Chief, Section Field Work

Chief, Div. of Hyd'y and Top'y
The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. ................

REGISTER NO. T-4647

State       California

General locality... San Francisco Bay

Locality.... Caleveras Point to Green Pt. Landing

Scale 1:10,000 Photos taken May 2, 1931 at

Date of survey: 2:30 P.M., 19....

Airplane

Vessel: Army Air Corps Plane

Chief of Party... O. S. Reading

Surveyed by... L. A. McGunn

Inked by... L. A. M...

Heights in feet above... to ground to tops of trees

Contour. Approximate contour, Form line interval... feet

Instructions dated... 19....

Remarks: This sheet is Compilation of 5 lens air photographs, No. Z1 to Z23 incl., printed by photolithographic process.