

FE15

F00015

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT
(HYDROGRAPHIC)

Type of Survey Field Examination

Field No. N/A

Office No. FE-15

LOCALITY

State California

General Locality .. San Joaquin River

Locality Stockton & Vicinity

19 35

CHIEF OF PARTY

G.C. Jones

LIBRARY & ARCHIVES

DATE 1936

FE15

F00015

☆ U.S. GOV. PRINTING OFFICE: 1976-689-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as: FE No.1 1936

F.E. 1 (1936)

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. T-4690
Hydrographic } Revision

F.E. 1 (1936)

State CALIFORNIA

LOCALITY

SAN JOAQUIN RIVER

STOCKTON AND VICINITY

193 5

CHIEF OF PARTY

G. C. JONES

DESCRIPTIVE REPORT
to accompany
Revision Topographic Sheet No. T-4690

U.S.C. & G.S.S. GUIDE

G. C. Jones, Commanding

INSTRUCTIONS

Reference:- Director's letter (22-RS,1995 GU 4) dated
September 19,1935; Paragraph No. 3.

LIMITS

This sheet covers revision work on sheet T-4690 in the
vicinity of El Dorado Pump Landing, Lat. 37-59.2 Long. 121-23.5.

SURVEY METHODS

From a setup at ELMWOOD 1931, with orientation on SOUTH
WOODEN POLE FOURTEEN MILE SLOUGH 1932, a ~~short~~ ^{three} station
traverse was run northwest along the top of the levee. Cuts to
the two steel towers were taken, these being located by the inter-
section of three cuts. West End Light of Range 5; established
October 1935, Notice to Mariners No. 46-1935; was located by a
rod reading and cut from ELMWOOD 1931. This planetable location
does not check the location given in the Notice to Mariners, the
line of Range 5 has been extended on this sheet to clearly show
this discrepancy. The height of the cable crossing between the
two steel towers was determined to be 141 feet above Mean High Water.

COMPARISON WITH PREVIOUS SURVEYS

Wright Pump and Eldorado Pump Wood Poles, which were located
by triangulation in 1932, were removed in August 1934.

The triangulation station shown on the photolithographic
sheet T-4690 as ELMWOOD U.S.E.D. 1931 is not a U.S. Engineer's
station. This station is ELMWOOD 1931 and should be so shown.
The station ELMWOOD U.S.E.D. is a reference for ELMWOOD 1931, it's
position as determined by topography is shown on this sheet.

LANDMARKS FOR CHARTS

(See letter 73-1936)

Three landmarks for charts are submitted on Form No. 527. These are the two steel towers located at El Dorado Pump Landing and West End Light of Range 5.


CONTROL

Control used in this small revision is furnished by the 1931, 1932 & 1933 triangulation. Recovery notes are furnished for the stations in the immediate vicinity of this work.

Respectfully submitted,


Max G. Ricketts, Jr. H. & G.E.

Approved and Forwarded:


G. C. Jones, Commanding GUIDE



38° 00'

121° 23'

22'

WRIGHT TRACT

JOINS HERE WITH SHEET NO. T-4689
PHOTO NO. SS 833

Fourteen Mile Slough N. Wooden Pole 1932
OVERHEAD CABLE
H.W. CLEARANCE 115 FT.

FOURTEENMI

S. Wooden Pole Fourteen Mile S

TWELVEMILE SLOUGH

ELMWOOD TRACT

Orientation

DITCH

Wright Pump
Steel Tower
Wright Pump Wood Pole 1932
Pole Removed
Elmwood U.S.E.D. 1931
Elmwood U.S.E.D.
Light 35 1933
M.H.W. Clearance 44'
Eldorado Pump
Eldorado Pump Wood Pole 1932
Pole Removed

59
CULTIVATED FIELDS

SPOIL AREA
Light 36 1933
Light 37 1933
Light 38 1933

Light
RANGE
Elmwood Camp 3
Light

DITCH
CULTIVATED FIELDS

BARNHART TRACT

LAND UNDER CULTIVATION UNLESS OTHERWISE SHOWN

ROAD OVER EAST BAY P

DITCH

CANAL

CULTIVATED FIELDS

Elmwood Camp 2
Light 39 1933

Elmwood Camp 1

Light 40 1933

SAN JOAQUIN RIVER

U.S.E.D. B.M.

OVERHEAD CABLE
H.W. CLEARANCE 113 FT.
Smith Pole U. S. G. S. 1933

ROBERTS ISLAND

U.S.E.D. 18

U.S.E.D. 17

Wakefields Ldg.

Light 41
Light 42

Green No. 2
U.S.E.D.

CABLE DOLPHIN
DOLPHIN

PIPE LINE CROSSING
SYPHON

BREAK IN OLD LEVEE

GOLF COURSE

58

OVERPASS

CANAL

OVERPASS