

600.914 (San Fran) 105960

SECRET

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Transmitter Building and Power House)

HARBOR DEFENSES OF SAN FRANCISCO
~~FOET~~ MILAGRA RIDGE, CALIFORNIA
STRUCTURE... SCR-296 RAD-9-184 *Wallace*

PART II Corrected to August 1944

105960

STRUCTURE: Antenna Tower x. 122° 28' 45.631"
Location (by coordinates) y. 37° 38' 27.087"
Location (by site description) 380' N.E. Gun #2 Btry.
Date of transfer... 22 August 1944 Constr. 244
Cost to that date. \$14,477.62
Type (for observing stat.--tower, dug-in, cottages, etc.) Tower-Transmitter Bldg.-dug-in
Type of construction...
(a) Roof Transmitter bldg. concrete-pwr. hse. galv. iron
(b) Remainder of bldg. Concrete-galv. iron
How concealed Transmitter bldg. by backfill-pwr. hse. & tower
How protected Transm't. bldg. by backfill-pwr. hse. painting. /not protected.
Height above concealment 25' (Tower)
Height above protection 25' (Tower)*
Conspicuous at 6000 yards appears as water tank.

UTILITIES:

Electric Power ... yes
Source of commercial and standby generator
Characteristics: Voltage 120 Ac ~~xxx DC~~ Phase.. single.
Kilowatts required.. 16
Type of lighting fixtures. Holophane and CSF-1
Heat
How heated ... electric heater
Water Sewer
Connected to water mains... no
Connected to sewer... no
Type latrine ... none

REFERENCE:

Reference of site... 665.0 MLLW
Reference of instrument axis...
Elev. top of pedestals - 673.15 (0.00 at MLLW)

INSTRUMENTS & EQUIPMENT:

Type of observing inst. installed by Signal Corps
Type of plotting board

DATA TRANSMISSION:

Type installed by others
Date of transfer

TIDE STATION:

Give description of tide gauge

- 1 - 25 KVA Power unit installed in type HO-1A power house.

Tower mounted on concrete pedestals on roof of transmitter building.

- 1 - 25 KVA Transformer, 2400/4160 V.Y. 120/240 V. 1φ and oil fuse cutout installed in manhole (see attached print)

Paste on blue print showing plan of each story of building, giving principal dimensions, including height of ceiling.

SCR 296-A declared obsolete, ltr. AG 17 Jan 46, file AG 413.44 (15 Jan. 46) OB-S-SPOFS. Tower and equipment to be disposed of. ED Form A-162B 16 Sept. 1943 Buildings to be r ined.

FS-1429

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S.C.R.-296 RAD-9-184
MILAGRA
CALIFORNIA

