

NOTE:~ For details of plant see
Transfer Plan T-6-11 E.D. 38970/318

SHELTER
SEARCHLIGHT No. 7 FT. W. SCOTT
SAN FRANCISCO, CAL.

SCALE:~ $\frac{1}{4}$ IN. = 1 FT.
0 1 2 3 4 5 6 7 8 9 10 FT.

U.S. ENG. OFFICE 2ND DIST. SAN FRANCISCO, CAL. 7-6-16

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(SEARCHLIGHTS)

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA.

FORT WINFIELD SCOTT, CAL.

SEARCHLIGHT NO. 7 #8 1

Form 4.

Corrected to OCT.1,1921.

Size 60-inch Portable or fixed

FIXED.

PROJECTOR

Location.....: On roof of old brick fort, Port Point.
 Manufacturer.....: General Electric Co.
 Type of projector.....: E.C., 60-inch.
 Form of projector.....: N 2.
 Serial No. of projector....: 7988
 Type of lamp.....: Sperry H-I.
 Model of lamp.....: M.K.V. 4.
 Serial No. of lamp.....: 116.
 Electric or hand control.: Electrically controlled.
 Material of mirror.....: Glass.
 Date received in district.: July 1910.
 From whom received.....: D.R., New London, Conn.
 Age of mirror.....: 10 years.
 Condition of mirror.....: Good.
 Date last repaired.....: Resilvered, Dec.1916.
 Switchboard, serial No. .: G.E.Co. 77621.

INSTALLATION

General character.....: Exposed shelter in operating position of light.
 Date transferred to troops.....: April 25, 1911.
 Cost to that date.....: \$4914.72.
 Shelter.....: Materials of construction.: Wooden structure with g.i.sheathing.
 Interior dimensions.....: 17' x 10' x 12'2" high.
 Height and type of tower....: No tower.
 Means by which projector is placed in operating position.....: Shutters at front of shelter opened.
 Reference axis of projector in operating position.....: 74.5 M.L.L.W.
 Kind of protection in operating position.....: No protection.
 Concealment of day shelter from approach channel.....: No concealment.
 Dates & cost of extensive remodeling or reconstruction.....: No remodeling.

CABLES #

Power plant to searchlight
 Type.....: L.C., unarmored.
 Length and size.....: 305 ft. two 4/0 1-cond.
 In conduits or in air....: Conduit, 3 and 4 ducts, 5 M.H.
 Controller to light.....: L.C., unarmored.
 Length and size.....: 635 ft. 9 cond.
 In conduit or in air.....: In conduit.
 Aux. controller to light.: No aux. controller.
 Length and size.....: —
 In conduit or in air.....: —

POWER PLANT

Location.....: East end of lower casemate tier, Old Brick Fort, Fort Point.
 Maximum demand KW.....: 18-k.w.
 Type and size.....: 1 stand, 25-k.w.gas.motor set.

CONTROLLERS

Location.....: B" Saffold, Fort Point.
 Type.....: G.E.Co. E.C.
 Form.....: N 2.
 Serial No.: 5979.
 How protected or concealed.....: Earth parapet.

If in conduit state No. of ducts and manholes.

If trenched, state whether cable has armor.

① See 475.1 (9th C.A.) 1 :-

No. 8 - Present approved H.D. project

No. 8 - Designated locally and referred in H.D. project as "Old number"

No. 7 - Designation when originally installed.

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(SEARCHLIGHTS)

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA.
FORT WINFIELD SCOTT.

SEARCHLIGHT NO. 5 Transferred to 3rd. A.A. Battalion, Dec. 23, 1921.

Form 4.

Corrected to OCT. 1, 1921

Size 60-inch Portable or fixed PORTABLE

PROJECTOR

Location.....	: Along road in rear of Baker's Beach, S.W. portion of Ft. Scott Reservation.	: <u>INSTALLATION</u>	: Standard Cadillac portable set; unprotected day shelter.
Manufacturer.....	: Sperry Gyroscope Co.	: General character.....	: Date transferred to
Type of projector.....	: Open mounting.	: troops.....	: About 1902; records destroyed.
Form of projector.....	: Mark 1; Model 0	: Cost to that date.....	: Shelter built by Q.M.; cost not known.
Serial No. of projector....	: 288	: Shelter.....	: Materials of construction: Concrete floor; wooden frame; corrugated iron sides and roof.
Type of lamp.....	: Mark X	: Interior dimensions.....	: 27' 6" x 35' 4".
Model of lamp.....	: 1	: Height and type of tower....	: No tower.
Serial No. of lamp.....	: High intensity 218; medium intensity 196.	: Means by which projector	: Removed from Cadillac truck by run-
Electric or hand control..	: Hand control	: is placed in operating	: way and transported to operating
Material of mirror.....	: Glass, mounted on iron back.	: position.....	: position on its own running gear.
Date received in district:	: May 10, 1920.	: Reference axis of projector :	
From whom received.....	: Army Reserve Depot, Schenectady, N. Y.	: in operating position.....	: Approximately 100
Age of mirror.....	: Unknown	: Kind of protection in	: operating position.....
Condition of mirror.....	: Good.	: Concealment of day shelter :	: No protection.
Date last repaired.....		: from approach channel.....	: Not concealed from channel.
Switchboard, serial No. :	: 55312- type C.D.G.	: Dates & cost of extensive	: remodeling or reconstruc-

CABLES #

Power plant to searchlight		: tion.....	: Old building, cost unknown.
Type.....	: 2 cond. R.C. cable.	: <u>POWER PLANT</u>	
Length and size.....	: 300 ft. 4/0	: Location.....	: Cadillac truck
Conduits or in air.....	: In air.	: Maximum demand KW.....	: 21-k.w.
Controller to light.....	: No controller.	: Type and size.....	: G.E. 1027- 105 V- 200 A Generator.
Type.....		: <u>CONTROLLERS</u>	
Length and size.....		: Location.....	
In conduit or in air.....		: Type.....	: No controller.
Aux. controller to light..	: No aux. controller.	: Form.....	
Length and size.....		: Serial No.	
In conduit or in air.....		: How protected or con-	
		: cealed.....	

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(SEARCHLIGHTS)

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA.

FORT WINFIELD SCOTT.

SEARCHLIGHT NO. Spare Transferred to 3rd A.A. Battalion, Dec. 23, 1921.

Form 4.

Corrected to OCT.1, 1921

Size 60-inch Portable or fixed PORTABLE

PROJECTOR

Location.....: Spare
 Manufacturer.....: Sperry Gyroscope Co.
 Type of projector.....: Open mounting
 Form of projector.....: Mark I; Model O
 Serial No. of projector...: 273
 Type of lamp.....: Mark X
 Model of lamp.....: 1
 Serial No. of lamp.....: High intensity 235; medium intensity 185
 Electric or hand control.: Hand control
 Material of mirror.....: Glass, mounted on iron back.
 Date received in district: July 23, 1920.
 From whom received.....: Army Reserve Depot, Schenectady, N. Y.
 Age of mirror.....: Unknown.
 Condition of mirror.....: Good.
 Date last repaired.....:
 Switchboard, serial No. .: 55312- Type C.D.G.

INSTALLATION

: General character.....: Standard, Cadillac portable set; protected day shelter.
 : Date transferred to
 : troops.....: ----
 : Cost to that date.....: ----
 : Shelter.....:
 : Materials of construction.: Stored in passage way of old Dynamite Battery, Ft. Scott.
 : Interior dimensions.....: ---
 : Height and type of tower....: No tower.
 : Means by which projector
 : is placed in operating
 : position.....: Removed from Cadillac truck by runway and transported to operating position on its own running gear.
 : Reference axis of projector
 : in operating position.....: ----
 : Kind of protection in
 : operating position.....: No protection.
 : Concealment of day shelter
 : from approach channel.....: Concrete & earth parapet and cover.
 : Dates & cost of extensive
 : remodeling or reconstruction.....: ---

CABLES #

Power plant to searchlight
 Type.....: 2 cond. R.C. cable.
 Length and size.....: 300 ft. 4/0
 In conduits or in air....: In air.
 Controller to light.....: No controller.
 Type.....:
 Length and size.....:
 In conduit or in air.....:
 Aux. controller to light.: No aux. controller.
 Length and size.....:
 In conduit or in air.....:

POWER PLANT

: Location.....: Cadillac truck
 : Maximum demand KW.....: 21-k.w.
 : Type and size.....: G.E. 1027- 105 V - 200 A Generator.

CONTROLLERS

: Location.....:
 : Type.....:
 : Form.....: No controller.
 : Serial No.:
 : How protected or concealed.....:
 : sealed.....:

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(SEARCHLIGHTS)

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA.
FORT WINFIELD SCOTT.
SEARCHLIGHT NO. Spare

Form 4.

Corrected to OCT.1,1921

Size 36-inch Portable or fixed PORTABLE.

PROJECTOR

: Spare
Location.....:
:
Manufacturer.....:General Electric Co.
Type of projector.....:H.C.36
Form of projector.....: N-17
Serial No.of projector...: 21939
Type of lamp.....: Sperry, high intensity.
Model of lamp.....: 9- Mark 3
Serial No.of lamp.....: 612
Electric or hand control.: Hand control
Material of mirror.....: Glass.
Date received in district: April 15, 1920.
From whom received.....: Recruiting Officer, S.F. Dist.
Age of mirror.....: Unknown
Condition of mirror.....: Good.
Date last repaired.....: ---
Switchboard, serial No. .: No number.

INSTALLATION

:
:General character.....:Standard Mack portable set; unpro-
:Date transferred to : tected day shelter.
: troops.....:Unknown; about 1902.
:Cost to that date.....:Unknown; built by Q.M.
:Shelter.....:
: Materials of construction.:Concrete floor, wooden frame; corrug-
: Interior dimensions.....:ated iron roof & walls.
:Height and type of tower....:27'6" x 37'4".
:Means by which projector : No tower.
: is placed in operating :
: position.....:Placing truck in position; light
:Reference axis of projector : mounted on truck body.
: in operating position.....:----
:Kind of protection in :
: operating position.....:No protection.
:Concealment of day shelter :
: from approach channel.....:No concealment from channel.
:Dates & cost of extensive :
: remodeling or reconstruc- :
: tion.....: Cost unknown.

CABLES #

Power plant to searchlight
Type.....:2 cond. R.C.cable.
Length and size.....:300 ft. 3/0
In conduits or in air....:Air
Controller to light.....:No controller.
Type.....:
Length and size.....:
In conduit or in air.....:
Aux. controller to light.:No aux. controller.
Length and size.....:
In conduit or in air.....:

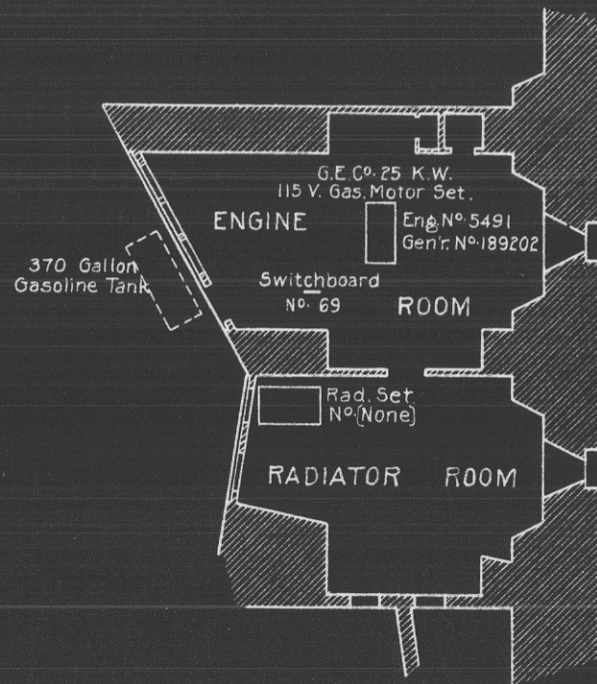
POWER PLANT

: Location.....:On Mack truck.
: Maximum demand KW.....:17.25-k.w.
: Type and size.....:Gen.type S-12-115 V-130 amps.

CONTROLLERS

: Location.....:
: Type.....: No controller.
: Form.....:
: Serial No.:
: How protected or con- :
: cealed.....:

*POWER PLANT
SEARCHLIGHT N^o 7 FT. W. SCOTT
SAN FRANCISCO, CAL.*



NOTE:- For details of plant see
Transfer Plan 7-6-11 E.D. 38970/318

*POWER PLANT
SEARCHLIGHT N^o 7 FT. W. SCOTT
SAN FRANCISCO, CAL.*

SCALE: $\sim \frac{1}{16}$ IN. = 1 FT.

