

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(SEARCHLIGHTS)

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA.
FORT BARRY, CAL.

SEARCHLIGHT NO. 14. → No. 4 ①

Form 4.

Corrected to OCT.1, 1921.

Size 60-inch Portable or fixed FIXED.

PROJECTOR

Location.....: Fog Station, Point Bonita.
Manufacturer.....: General Electric Co.
Type of projector.....: E.C.
Form of projector.....: N 2.
Serial No. of projector....: 7984
Type of lamp.....: Sperry H-I
Model of lamp.....: M.K.V. 4.
Serial No. of lamp.....: 145.
Electric or hand control.: Electrically controlled.
Material of mirror.....: Glass.
Date received in district: July 11, 1910.
From whom received.....: D.E., New London, Conn.
Age of mirror.....: 10 years.
Condition of mirror.....: Good.
Date last repaired.....: March 1918, resilvered.
Switchboard, serial No. .: G.E.Co. 77622.

INSTALLATION

: Exposed shelter in operating position of light.
General character.....: :
Date transferred to :
troops.....: April 25, 1911.
Cost to that date.....: \$7824.51
Shelter.....: :
Materials of construction.: Concrete.
Interior dimensions.....: 10' x 17' x 12'8" high.
Height and type of tower....: No tower.
Means by which projector :
is placed in operating : Shutters at front of shelter
position.....: opened.
Reference axis of projector :
in operating position.....: 93.5 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 reconstruc- :
tion.....: No remodeling.

POWER PLANT

: Location.....: In building 500' from Fog Sta.
Maximum demand KW.....: 19-k.w.
Type and size.....: 25-k.w. stand. gas. motor set.

CONTROLLERS

: Location.....: In M' (Barry) with extension
to B' (Alexander).
Type.....: G.E.Co. E.C.
Form.....: N 2.
Serial No.: 5977.
How protected or con- :
cealed.....: By earth parapet.

CABLES #

Power plant to searchlight
Type.....: L.C., unarmored.
Length and size.....: 563' two 4/0 1-cond.
In conduits or in air....: Conduit and trench.*
** Controller to light.....
Type.....: L.C., unarm. and L.C., arm.
Length and size.....: 2027' 9-cond.
In conduit or in air.....: In conduit and trench.**
*** Aux. controller to light.:
Length and size.....:
In conduit or in air.....:

If in conduit state No. of ducts and manholes.

If trenched, state whether cable has armor.

* 368 ft. in conduit - 4 ducts, 4 manholes-- 175 ft. in trench covered by redwood plank-- 20' in shelter.

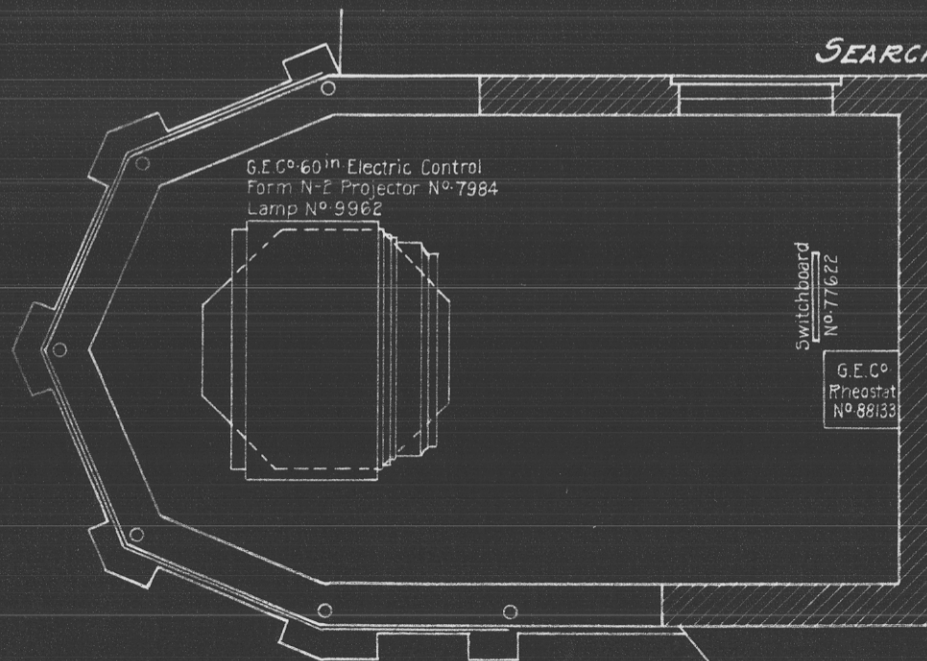
** 480 ft. in conduit - 4 to 15 ducts, 7 manholes-- 1547 ft. in trench covered by redwood plank.

*** One controller - can be attached to plug in either B' Alexander or M' Barry.

* Now 6/L No. 4. See Rep. May 22, 1936

See 6751 (9th C.A.) 1-
No. 1 - Present approved H.D. project
No. 4 - Designated locally and referred in H.D.
Project as "aid number"
No. 14 - Designation when originally installed

*SHELTER
SEARCHLIGHT NO. 14 FT. BARRY
CALIFORNIA*



NOTE:- For details of plant see
Transfer Plan 3-6-11 E.D. 38970/320

*SHELTER
SEARCHLIGHT NO. 14-FT. BARRY
CALIFORNIA*

SCALE: $\frac{1}{4}$ IN. = 1 FT.



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(SEARCHLIGHTS)

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA.

FORT BARRY, CAL.

SEARCHLIGHT NO. 15.

No. 3 ①

Form 4.

Corrected to OCT.1,1921.

Size 60-inch Portable or fixed FIXED.

PROJECTOR

Location.....: About 1200 feet N.W. of Battery Mendell.
Manufacturer.....: General Electric Co.
Type of projector.....: E.C.
Form of projector.....: N 2.
Serial No. of projector....: 7985
Type of lamp.....: Sperry H.I.
Model of lamp.....: M.K.V. 4.
Serial No. of lamp.....: 119.
Electric or hand control..: Electrically controlled.
Material of mirror.....: Glass.
Date received in district: July 11, 1910.
From whom received.....: D.E., New London, Conn.
Age of mirror.....: 10 years.
Condition of mirror.....: Good.
Date last repaired.....: July 1918, resilvered.
Switchboard, serial No. : G.E.Co. 77624.

INSTALLATION

: General character.....: Exposed shelter in operating position of light.
: Date transferred to : troops.....: April 25, 1911.
: Cost to that date.....: \$8,347.41
: Shelter.....:
: Materials of construction.: Concrete.
: Interior dimensions.....: 10' x 17' x 12' 2" high.
: Height and type of tower....: No tower.
: Means by which projector : is placed in operating : Shutters at front of shelter
: position.....: opened.
: Reference axis of projector : in operating position.....: 145' 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 reconstruc- : tion.....: No remodeling.

POWER PLANT

: Location.....: 1000 ft. N.W. of Battery Mendell.
: Maximum demand KW.....: 18-k.w.
: Type and size.....: 1 Stand. 25-k.w. gas. motor set.

CONTROLLERS

: Location.....: In C Barry.
: Type.....: G.E.Co. E.C.
: Form.....: N 2.
: Serial No.: 5978
: How protected or con- : cealed.....: Earth parapet.

CABLES #

Power plant to searchlight
Type.....: L.C., unarmored.
Length and size.....: 285 ft. two 4/0, 1-cond.
In conduits or in air....: In conduit, 4 ducts, 2 M.H.
Controller to light.....: L.C., unarmored.
Type.....: L.C., unarmored.
Length and size.....: 2600' 9-cond.
In conduit or in air.....: In conduit, 4 to 20 ducts, 11 M.H.
Aux. controller to light..: No auxiliary controller.
Length and size.....:
In conduit or in air.....:

If in conduit state No. of ducts and manholes.

If trenched, state whether cable has armor.

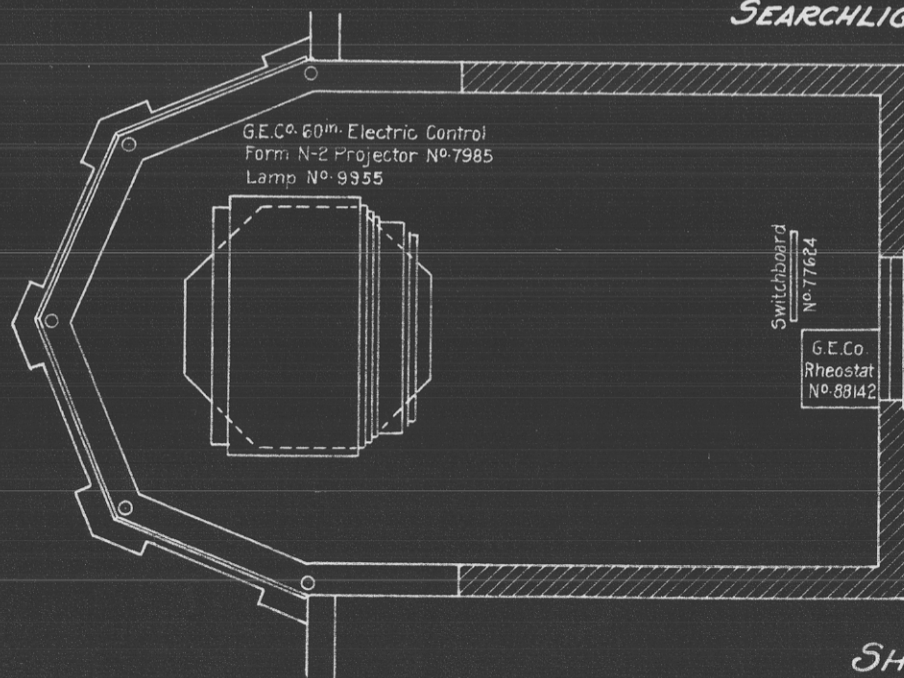
*Mirror to be resilvered in San Francisco 1922
C of E 400.31 (San Francisco) 422*

① See L75.1 (9th CA) 1:-

- No. 5 - Present approved H.O. project
- No. 3 - Designated locally and referred in H.O. Project as "Old number".
- No. 15 - Designation when originally installed.

* Now 9/L No. 3, See Rev. May 22, 1936

*SHELTER
SEARCHLIGHT N°15 FT. BARRY
CALIFORNIA*



NOTE:~ For details of plant see
Transfer Plan 3-6-12 E.D. 38970/321

*SHELTER
SEARCHLIGHT N°15 FT. BARRY
CALIFORNIA*

SCALE:~ $\frac{1}{4}$ IN. = 1 FT.

0 1 2 3 4 5 6 7 8 9 10 FT