

600.914 (San Fran) 102745

CONFIDENTIAL

Declared Surplus

SPEARM-1

Disposition Form from Dept. dated 10 May 48 file CS650/C2 21001, Subject: H.D. Installation (Declared surplus) (Includes Fire Control)

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Batteries)

HARBOR DEFENSES OF SAN FRANCISCO
FORT. BARRY
BATTERY CONSTR. No. 129 No. of Guns, 2...
Caliber 50 (16") Carriages 14

Part I Corrected to July 1944

GENERAL:

Battery commenced 5 September 1942
Battery completed 14 March 1944
Date of transfer 7 May 1944*
Cost to date of transfer \$2,069,738.90 (See reverse side)
Materials of construction Reinforced concrete
Battery new or modernized New
(If modernized give detailed statement on reverse side)
Trunnion elevation in btry. 820.67'
Datum plane 0.00 at MLLW

102745

UTILITIES:

WATER SUPPLY

Source of Ft. Barry Cronkhite 6" Main
Alternate source none
Size of Main 3" to Reservoir, 6" from Reservoir to Battery.

SEWER

Connected to sewer yes
Type of Disposal Septic tank & Sludge disposal box.
Type of Latrine Siphon

Ref. letter AGAO-5 660 (11 May 44) CA 65P/C2
14 May 44. Subj: H.D. Installation

UTILITIES (Cont'd)

ELECTRIC POWER

Sources of Commercial AC
Procured & installed by (OCE or ORD) OCE
Characteristics: Voltage 480/120/208 AC 3-Phase 3.
No. of units and capacity 7
Max. K.W. required for utilities 75 KW (Transf. Capacity)
Max. K.V. required for non-battle conditions 75 KV
Commercial power provided (yes ~~no~~) YPS Capacity 2400/4160 V. 3φ
Auxiliary power unit provided (yes or no) No
Capacity
Type of lighting fixtures GSF-1 & GFS-3
Dehumidifying Unit No. Make and capacity Gasproofing equipment installed.
Rooms Wet or Dry dry
How ventilated natural draft
How heated electric (indirect air)

DATA TRANSMISSION

Type. Telephones installed by Signal Corps

REMARKS

See reverse side of this form.
* See reverse side for statement regarding roadway paving.

CG 6th Army has selected Const 129 as best interim location for Joint Command Post for Pacific Coastal Frontier
(this info in classified message from CG 6th Army to CSUSA for D of L)

ARMAMENT

See reverse side of this form.

Emplacement			Guns				Carriages				
No.	Cal.	Length	Model	Serial No.	Manufacturer	Mounted	Type	Model	Serial No.	Manufacturer	Motor

Normal accept 7 May 44
Cond accept 12 Jan 44

Access road paving acc. by Hdqrs Com 31 July 44

FS-29, 1376, 1467 Project Cal 2

CONFIDENTIAL

ED Form A-24
16 Sept. 1 5

This project is complete in accordance with the plans and specifications except for the items listed below which were not completed in compliance with letter from Chief of Engineers, dated 11/26/43, file 662 Ref. CM 69618, subject: "Curtaiment of Seacoast Battery Program."

1. Acoustical Tile - Dwg. 70-16-2, sh. #53.
 - (a) Power room
 - (b) Water cooler room
 - (c) Work room
 - (d) Auxiliary generator room
 - (e) Muffler gallery
2. Doors - Dwg. 70-16-2, sh. #5 - Doors were installed in accordance with Column 3, Schedule of Door.
3. Cable Racks - Dwg. 70-16-2, sh. #70 - No cable racks were installed in trenches of power room. Sufficient racks and hooks are stored for installation when & if required. (See page 8, list of material stored in Battery.)
4. Painting - No interior painting was accomplished in battery except for preservation of metal or wood.
5. Misc. Items - Dwg. 70-16-2, sh. #88, rev. 7.
 - 4" sleeve from corridor to compressor room was not installed.
 - Dwg. 70-16-2, sh. #90, rev. #8. 4" sleeve from entrance corridor to motor generator room not installed.
 - Dwg. 70-16-2, sh. #89. Partition (stall) for both officers and enlisted mens latrines were not installed.
6. Power & Electrical Equipment - The motor driven power equipment for battery is not a responsibility of Corps of Engineers, as a matter of information, and equipment has been indefinitely deferred. The commercial power has been terminated on temporary panel in power room. Lights and distribution panel were not installed in the 16 ft. driven tunnel, as shown on Dwg. 7-11-3, sh. #13. The power cable has been terminated in panel niche. Panel and complete electrical equipment has been stored in Battery. (See page 6, list of material stored in Battery.)

7. Ammunition Service - Dwg. 70-16-2, sh. #84 & 85. No ammunition service has been installed in either casemate. (a portion of brackets are installed and all holes for hangers have been punched marked) Portion of ammunition service not installed has been stored (See page 9, list of materials).
 8. Armament. 16" gun tubes have been stored in casemates.
 9. Camouflage - All camouflage was deferred except for erosion protection planting and some embedded items which were installed prior to receipt of cancellation. Other materials for camouflage have been stored in Battery (See page 4, list of materials).
- Paving a portion of the Extension of Access Roadway Previously Deferred.
 Plant mixed surfacing placed between stations 35+10 and Work started 6-22-44. /55+00.
 Work completed 7-5-44.
 Date of transfer of this work - 31 July 1944.
 Cost of paving - \$6,551.29*.

Cost Breakdown -

Main Battery	\$1,629,685.35
Water supply, plumbing, electrical and power line	128,286.00
16' Driven tunnel	118,847.06
Access roadway	172,371.77
*Paving portion of access roadway	6,551.29
Camouflage	20,548.72

TOTAL \$2,076,290.19.

OFFICE DIVISION ENGINEER
 PACIFIC DIVISION
 AUG 5 24-1 00 P.M.
 SAN FRANCISCO, CALIFORNIA

3361

600.914 (San Francisco) 92763 **CONFIDENTIAL**

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Batteries)

BARRY
HARBOR DEFENSES OF SAN FRANCISCO
FORT.... **CONST. 129**..... 2.
BATTERY **50 (16")**..... No. of Guns **14**.....
Caliber..... Carriages.....

Part I

Corrected to **March 1944**

GENERAL:
Battery commenced **5 September 1942**
Battery completed **14 March 1944**
Date of transfer.... **7 May 1944** **\$2,069,738.90** (See Reverse Side)
Cost to date of transfer.. **Reinforced concrete**
Materials of construction. **New**
Battery new or modernized.
(If modernized give detailed statement on reverse side) **820.67'**
Trunnion elevation in battery **0.00 at MLLW**
Datum plane.....

UTILITIES:

WATER SUPPLY **Fort Barry Cronkhite 6" Main**
Source of **None**
Alternate source **3" to reservoir, 6" from reservoir**
Size of Main.. **to Battery.**
SEWER **Yes**
Connected to sewer **Septic tank & sludge disposal box**
Type of Disposal. **Siphon**
Type of Latrine.....

UTILITIES (Cont'd)

ELECTRIC POWER **Commercial A.C.**
Sources of **O.C.E.**
Procured & installed by **(100/100/200)**..... **3**
Characteristics: Voltage .. **Ac or DC**...Phase....
No. of units and capacity..... **75 K.W. (Transf. capacity) 75 KW**
Max. K.W. required for utilities..... **Yes**
Max. K.V. required for non-battle conditions..... **Yes**
Commercial power provided (yes or no).... **2400/2160 V, 3 φ**
Auxiliary power unit provided (yes or no)..... **No**
Type of lighting fixtures..... **CSF-1 & CSF-3** Capacity.....
Dehumidifying Unit. Make and capacity.. **Gasproofing equipment installed**
Rooms Wet or Dry. **Dry**
How ventilated. **Natural draft**
How heated. **Electric (indirect air)**

DATA TRANSMISSION

Type..... **Telephones installed by Signal Corps**

REMARKS See reverse side of this form

ARMAMENT See reverse side of this form.

Emplacement No.	Cal.	Length	Model	Guns			Carriages		
				Serial No.	Manufacturer	Mounted	Type	Model	Serial No.

Superseded see attached sheet

CONFIDENTIAL

ED Form A-2A
16 Sept. 1 3

92763

Normal Accept 7 May 44
COND ACCEPT 17 Jan 44
EC-29 1371 & 1167 P.C. 17

LAIFK3011100

This project is complete in accordance with the plans & specifications except for the items listed below which were not completed in compliance with letter from Chief of Engineers, dated 11/26-43, file 662 Ref. CM 69618, subject: "Curtaiment of Seacoast Battery Program".

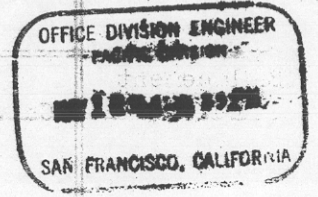
1. Accoustacal Tile - Dwg. 70-16-2, Sh. #53.
 - (a) Power Room
 - (b) Water Cooler Room
 - (c) Work Room
 - (d) Auxiliary Generator Room
 - (e) Muffler Gallery
2. Doors - Dwg. 70-16-2, Sh. #5 - Doors were installed in accordance with column 3, schedule of doors.
3. Cable Racks 70-16-2, Sh. #70 - No cable racks were installed in trenches of power room. Sufficient racks and hooks are stored for installation when and if required. (See page 8, list of material stored in Battery)
4. Painting No interior painting was accomplished in battery except for preservation of metal or wood.
5. Misc. Items Dwg. 70-16-2, Sh. #88, Rev. 7. 4" sleeve from corridor to compressor room was not installed.
Dwg. 70-16-2, Sh. #90 Rev. #8. 4" sleeve from entrance corridor to motor generator room not installed.
Dwg. 70-16-2, Sh. #89. Partition (stall) for both officers and enlisted mens latrines were not installed.

6. Power & Electrical Equipment - The motor driven power equipment for Battery is not a responsibility of Corps of Engineers, as a matter of information, & equipment has been indefinitely deferred. The commercial power has been terminated on temporary panel in power room. Lights & distribution panel were not installed in the 16 foot driven tunnel, as shown on dwg. 7-11-3, Sh. #13. The power cable has been terminated in panel niche. Panel & complete electrical equipment has been stored in Battery (See page 6, list of material stored in Battery)
7. Ammunition Service Dwg. 70-16-2, Sh. #84 & 85. No ammunition service has been installed in either casemate. (A portion of brackets are installed and all holes for hangers have been punch-marked) Portion of ammunition service not installed has been stored (See page 9, list of materials)
8. Armament 16" gun tubes have been stored in casemates.
9. Camouflage All camouflage was deferred except for erosion protection planting and some embedded items which were installed prior to receipt of cancellation. Other materials for camouflage have been stored in Battery (See page 4, list of materials)
10. Roadway Pavement on extension to access roadway, Sta. 34 to Sta. 55, as shown on Dwg. 7-11-1, Sh. #7, has been deferred until end of rainy season.

05163

Cost Breakdown

Main Battery	1,629,685.35
Water Supply, Plumbing Electrical & Power Line	\$128,286.00
16" Driven Tunnel	\$118,847.06
Access Roadway	\$172,371.77
Camouflage	20,548.72
	<u>\$2,069,738.90</u>

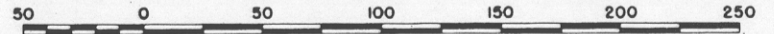


REPORT OF COMPLETED WORKS—SEACOAST FORTIFICATIONS
 (Battery Plan)

HARBOR DEFENSES OF SAN FRANCISCO, CALIFORNIA
 FORT BARRY
 BATTERY CONSTRUCTION NO. 129

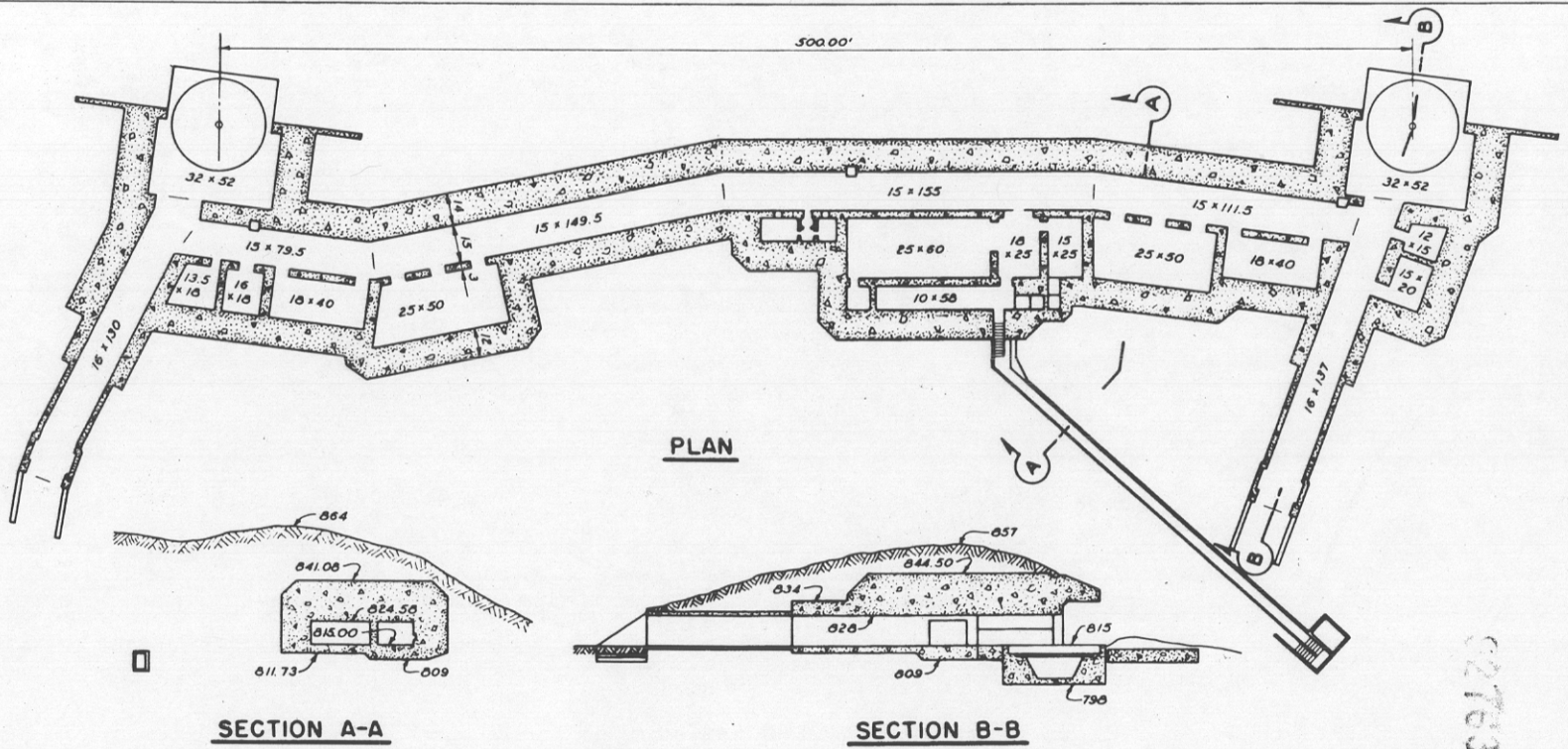
CONFIDENTIAL

No. of guns - 2 Caliber - 50 (16 inch) Carriage - Barbette



Part VII

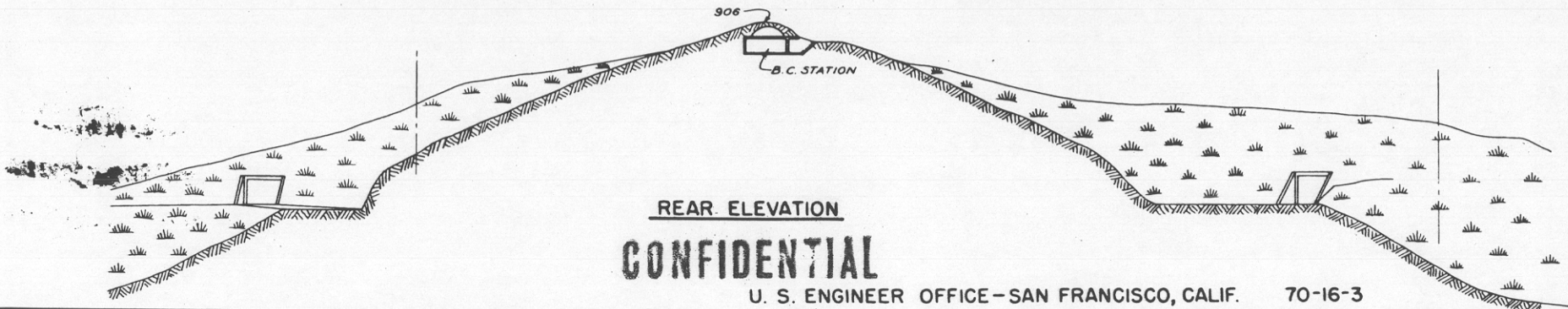
Corrected to April 1944



PLAN

SECTION A-A

SECTION B-B



REAR ELEVATION

CONFIDENTIAL

02763

~~CONFIDENTIAL~~

DECLASSIFIED

SPEKM-1

600.914 (San Fran) 92763

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

DOD Dir. 5200.9, Sept. 27, 1958

NCWN by *[Signature]* date *6-11-70*

HARBOR DEFENSES OF SAN FRANCISCO

FORT BARRY

STRUCTURE.. PLOTTING SWITCHBOARD STRUCTURE

-129

PART II

Corrected to March 1944

STRUCTURE: x.....
 Location (by coordinates) y.....
 Location (by site description) **1000' NE Battery 129**
 Date of transfer... **7 May 1944**
 Cost to that date... **\$187,273.26**
 Type (for observing stat. --tower, dug-in, cottages, etc.) **Dug-in**
 Type of construction.....
 (a) Roof **Reinforced concrete**
 (b) Remainder of bldg. **Reinforced concrete**
 How concealed **Earth backfill & vegetation**
 How protected **Earth backfill**
 Height above concealment **Not above concealment**
 Height above protection **Not above protection**
 Conspicuous atyards. **Not conspicuous from sea or air.**

INSTRUMENTS & EQUIPMENT:
 Type of observing inst. **Installed by others**
 Type of plotting board **Installed by others**

DATA TRANSMISSION: **Installed by Signal Corps**
 Type
 Date of transfer

92763

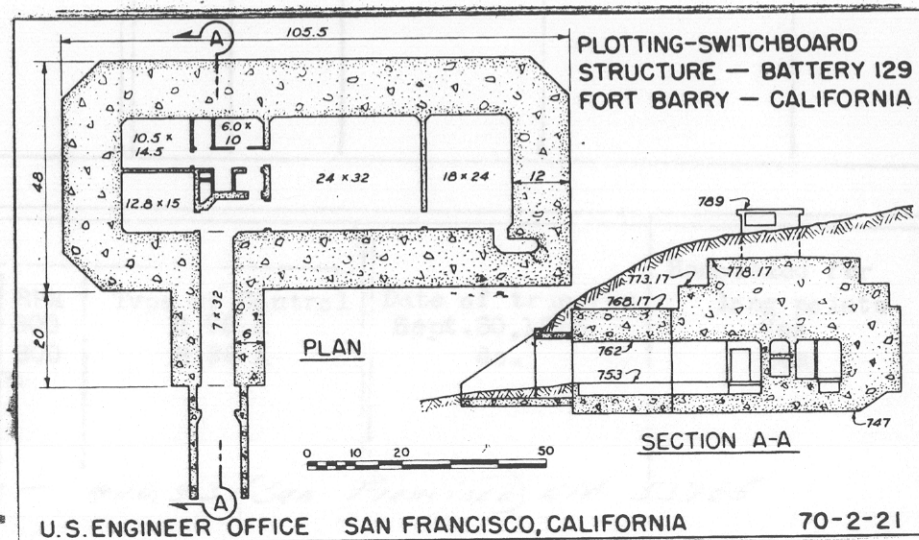
TIDE STATION:
 Give description of tide gauge

***480 V 3 ϕ Power from temporary panel at Btry. 129 Power Room, Diesel Engine Generator Set 20 KW 120/240 V 1 ϕ 3 wire self-regulating with automatic start-stop panel.**

UTILITIES:
 Electric Power **Yes**
 Source of **Post Power & Standby***
 Characteristics: Voltage **130/120/208** AC or DC..... Phase **3**
 Kilowatts required... **20.2**
 Type of lighting fixtures... **CSF-1 & CSF-3**
 Heat
 How heated **Electric (indirect air)**
 Water Sewer
 Connected to water mains... **Yes**
 Connected to sewer... **Yes**
 Type latrine **Siphon**

REFERENCE:
 Reference of site... **785.0 (0.00 at MLLW)**
 Reference of instrument axis.....
Elev. floor in Plotting & Spotting Room = 753.50(MLLW)

~~CONFIDENTIAL~~



ED Form A-162B
16 Sept. 1943

SECRET

92763

SPERM-1

600.914 (San Fran) 92763

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

HARBOR DEFENSES OF SAN FRANCISCO
FORT ~~BARRY~~ *Barry*
STRUCTURE **B.C. STATION 129**

PART II Corrected to **March 1944**

STRUCTURE:

Location (by coordinates) x. **122° 29' 54.811"**
 Location (by site description) y. **37° 49' 39.742"**
 Date of transfer. **7 May 1944** *3001 No. of Gun Emplacement No. 2*
 Cost to that date. **\$8,178.21**
 Type (for observing stat.--tower, dug-in, cottages, etc.) **Dug-in**
 Type of construction.....
 (a) Roof **Reinforced concrete**
 (b) Remainder of bldg. **Reinforced concrete**
 How concealed **Earth backfill & vegetation**
 How protected **Earth backfill**
 Height above concealment **Not above concealment**
 Height above protection **Not above protection**
 Conspicuous atyards. **Not conspicuous from sea.**

INSTRUMENTS & EQUIPMENT:

Type of observing inst. **Installed by others**
 Type of plotting board

DATA TRANSMISSION:

Type **Installed by Signal Corps**
 Date of transfer

TIDE STATION:

Give description of tide gauge

See reverse side of this form for work not completed.

UTILITIES:

Electric Power **Yes**
 Source of **Commercial through cable Battery 129**
 Characteristics: Voltage **120/208** Ac or DC **Ac** Phase **1**
 Kilowatts required **3.0**
 Type of lighting fixtures **CSP-1**
 Heat
 How heated **Not heated**
 Water Sewer
 Connected to water mains **Yes**
 Connected to sewer **Connected to 6" V.C. drain**
 Type latrine **None**

REFERENCE:

Reference of site **SEL. O. MILLER**
 Reference of instrument axis.....
 Elev. inst. Pedestal = **897.06 (0.00 at MILLER)**

FD Form A-162B
16 Sept. 1943

15-425 Plan G 113

SECRET

