REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

Part II  Corrected to 22 November 1944

STRUCTURE:
W 26,456.03
Location (by coordinates) N 27,185.71
Location (site description) La Jolla
Date of transfer: 14 September 1944
Cost to that date: $15,787.08
Type: Standard Signal Corps 100' tower, Type TR-18
Type of construction
(a) Power & transmitter houses: 22 ga. Thermotite
(b) Antenna house: Wood
(c) Tower: Steel
How concealed: Simulated water tank & tone-down paint
How protected: Not protected
Height above concealment: 110' (approx.) above ground
Height above protection: --
Conspicuous at 2000 yards

UTILITIES:
Electric power
Source of: Commercial & 1 - 25 KVA auxiliary generator
Characteristics: Voltage 120 AC 1-phase
Kilowatts required: 16.3
Type of lighting fixtures: None
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

INSTRUMENTS & EQUIPMENT:
Type of observing inst.: Radar SCR-296
Type of plotting board: None

DATA TRANSMISSION:
Type: Telephone
Date of transfer: No record (Signal Corps item)

REFERENCE:
Reference of site: 324.0
Reference of antenna axis: 431.17
Datum plane: Mean Lower Low Water
SCR 296-A declared obsolete, ltr. AG 17 Jan. 46, file
AG 413.44 (15 Jan. 46) 08-S-SPOPS.
Tower and equipment to be disposed of. Elgds. to be retained.

CONFIDENTIAL
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

Part II
Corrected to 10 March 1945

CONFIDENTIAL

STRUCTURE:
W 20,306.75
Location (by coordinates) S 16,548.00
Location (site description) North Ft. Rosecrans (Site No. 5)
Date of transfer: 15 March 1944
Cost to that date: $10,524.29 (see "Remarks")
Type: 25 ft. steel tower
Type of construction:
(a) Power & Transmitter Houses: 24 ga. Thermotite
(b) Antenna House: Steel
(c) Tower: Steel
How concealed: Simulated water tank
How protected: Not protected
Height above concealment: Approx. 30' (above ground)
Height above protection: --
Conspicuous at 400 yards

UTILITIES:
Electric power
Source of: Commercial & 1 - 25 KVA auxiliary generator
Characteristics: Voltage 120/240 AC 1-phase 60 cycle
Kilowatts required: 16.3
Type of lighting fixtures: None
Heat:
How heated: Not heated
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:
Reference of site: Elevation 335
Reference of antenna: 368.00
Datum is Mean Lower Low Water
SCR 296-A declared obsolete, letter AG 17 Jan. 46, file AG 413.44 (15 Jan. 46) CB-S-SFOPS. Tower and equipment to be disposed of. Buildings to be retained.

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: SCR-296 (SITE "A")
For Battery Strong

INSTRUMENTS & EQUIPMENT:
Type of observing inst.: SCR-296
Type of plotting board: None

DATA TRANSMISSION:
Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:
Cost includes $ 2,524.46 for commercial power,
Job No. Fort Rosecrans FS-11, Directive Consecutive
No. FS-670
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

Part II
Corrected to 15 March 1945

CONFIDENTIAL

STRUCTURE:

W 16,853.60
Location (by coordinates) S 30,859.56
Location (site description) Point Loma (Site No. 8)
Date of transfer: 4 September 1944
Cost to that date: $8,611.22
Type: 50 ft. tower
Type of construction
(a) Power & transmitter houses: 21\(\text{a}\) ga. Thermotite
(b) Antenna house: Wood
(c) Tower: Steel
How concealed: Simulated water tank
How protected: Not protected
Height above concealment: Approx. 60 ft. (above ground)
Height above protection: - - -
Conspicuous at 500 yards

UTILITIES:

Electric power
Source of: Commercial & 1 - 25 KVA auxiliary generator
Characteristics: Voltage 120/240 AC 1-phase 60 cycle
Kilowatts required: 16.3
Type of lighting fixtures: None
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: Elevation 129
Reference of antenna: 157.13
Datum is Mean Lower Low Water
SCR 296-A declared obsolete, 1st Aug 17 Jan. 46, f11e
AG 413.44 (15 Jan. 46) OB-S-SPOFG.
Tower and equipment to be disposed of.
Buildings to be retained.

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: SCR-296 (SITE "0")
For City 238

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: SCR-296
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

Part II  Corrected to 8 November 1944

CONFIDENTIAL

STRUCTURE:
- E 18,115.65
- Location (by coordinates) S 55,806.78
- Location (site description) Site No. 12 (Fort Emory)
- Date of transfer: 4 October 1944
- Cost to that date: $29,893.52
- Type: 2 level steel tower; SCR-296 on top
- Type of construction
  - (a) Roof: Steel
  - (b) Remainder of bldg.: Steel
- How concealed: Simulated water tank
- How protected: Not protected
- Height above concealment: 125' above ground (approximately)
- Height above protection: --
- Conspicuous at 1000 yards

INSTRUMENTS AND EQUIPMENT:
- Type of observing inst.: 2-azimuth; 1-DPF; 1-SCR 296
- Type of plotting board: None

DATA TRANSMISSION:
- Type: Telephone
- Date of transfer: No record (Signal Corps item)

REMARKS:
- SCR-296 (antenna): Elevation 146.86
- BC7 (azimuth instrument variable) Center of slot: Elevation 135.71
- E7 (axis of D.P.F. instrument): Elevation 127.83

UTILITIES:
- Electric power
  - Source of: Commercial & 1 - 25KVA auxiliary generator
  - Characteristics: Voltage 125 AC 1 - phase
  - Kilowatts required: 18.0 (16.3 for SCR-296)
  - Type of lighting fixtures: Not lighted
  - Heat
    - How heated: Not heated
    - Water sewer
      - Connected to water mains: No
      - Connected to sewer: No
      - Type latrine: None

REFERENCE:
- Reference of site: Elevation 29 (approximately)
- Reference of instrument axis: See "REMARKS"
- Datum: Mean Lower Low Water
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

Part II Corrected to 8 March 1945

CONFIDENTIAL

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: SCR-296 (SITE "D")

INSTRUMENTS & EQUIPMENT:
Type of observing inst.: Radar SCR-296
Type of plotting board: None

DATA TRANSMISSION:
Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:
Cost includes $2,538.60, fencing, Job No. Mexican Border FS-5, Directive Consecutive No. FS-1089;

UTILITIES:
Electric power
Source of: Commercial & 1 - 25 KVA auxiliary generator
Characteristics: Voltage 120/240 AC 1-phase 60 cycle
Kilowatts required: 163
Type of lighting fixtures: None
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:
Reference of site: Elevation 340
Reference of antenna: 373.80
Datum: Mean Lower Low Water
SCR 296-A declared obsolete, 1st. AG 17 Jan. 46, file AG 413.44 (15 Jan 46) OB-S-SPFS.
Tower and equipment to be disposed of.
Bldgs. to be retained.

(Signed)
INCLINE ELEVATOR HOIST: Authorized under Job No. Mexican Border FS-6, Directive Consecutive No. FS-1250
Date of transfer: 12 January 1945; Cost: $5,198.26

INCLINE: 4" x 4" wooden stringers
Approximate length 325'

HOIST HOUSE: 8' x 12'; 1" x 8" wood shiplap sheathing

HOIST: Otis Elevator Company, single drum, 3 sheath,
Serial No. 101479

MOTOR: Sterling Cross Line, 10 H.F., 60 cycle, 3-phase,
220/440 volts, Serial No. 111795

INCLINE HOIST FOR SCR 296 - SITE D
U.S. ENGINEER OFFICE, LOS ANGELES, CALIF.

HARBOR DEFENSES OF SAN DIEGO, CALIF.
MEXICAN BORDER