



# Todd Shipyards Corporation

NEW YORK OFFICE: 1 BROADWAY, TELEPHONE DIGBY 4-6900, CABLE "ROBIN" NEW YORK

PLEASE ADDRESS YOUR REPLY TO

**TODD SHIPYARDS  
CORPORATION  
(SAN FRANCISCO DIVISION)**  
Foot of Duval St.  
Brooklyn 31, N. Y.  
Telephone 3-6321

June 4, 1954

**TODD SHIPYARDS  
CORPORATION  
(BROOKLYN DIVISION)**  
Foot of Duval St.  
Brooklyn 31, N. Y.  
MAIn 5-6321

Military Sea Transportation Service, Pacific  
33 Berry Street  
San Francisco 7, California

**TODD SHIPYARDS  
CORPORATION  
(HOUSTON DIVISION)**  
Park 2000 E. 17th St.  
Houston, N. E.  
HOUSTON 6-4000

Attention: Contracting Officer,  
Maintenance & Repair Office

Subject: USNS "GENERAL JOHN POPE" (T-AP 110)

**TODD SHIPYARDS  
CORPORATION  
(EQUIPMENT DIVISION)**  
31-16 43rd Ave.  
Elmhurst, Queens, N. Y.  
LItholt 7-5000

Gentlemen:

This is to certify that ballast weights  
shown on Sheets 2 to 4, inclusive, were installed on  
subject vessel May 24, 1954 through June 4, 1954.

**TODD SHIPYARDS  
CORPORATION  
(MOBILE DIVISION)**  
Mobile, Ala.

Very truly yours,

**TODD SHIPYARDS CORPORATION  
(SAN FRANCISCO DIVISION)**

**TODD SHIPYARDS  
CORPORATION  
(GALVESTON DIVISION)**  
Galveston, Texas

B. W. Winchell  
Chief Engineer

**TODD SHIPYARDS  
CORPORATION  
(HOUSTON DIVISION)**  
Houston, Texas

BWW:JC:am

**TODD SHIPYARDS  
CORPORATION  
(LOS ANGELES DIVISION)**  
San Pedro, Calif.

**TODD SHIPYARDS  
CORPORATION  
(SEATTLE DIVISION)**  
Seattle 4, Wash.

Affiliated Companies

**TODD JOHNSON  
DRY DOCKS INC.**  
New Orleans 3, La.

**TODD ATLANTIC  
SHIPYARDS CORPORATION**  
South Portland, Me.



# Todd Shipyards Corporation

NEW YORK OFFICE 1 BROADWAY . TELEPHONE DIGBY 4-6900 . CABLE "ROBIN" NEW YORK

PLEASE ADDRESS YOUR REPLY TO

**TODD SHIPYARDS  
CORPORATION**  
(SAN FRANCISCO DIVISION)  
Foot of Hyde Street  
Alameda, California  
Telephone 3-0821

- 2 -

June 4, 1954

## BALLAST AS INSTALLED IN #3 HOLD

BALLAST BLOCKS - 3862 @ 225.0 lbs. ea. 868,950 lbs.

Installed to a height of 20" in hatch opening.

All other spaces to a height of 11".

Vertical Center of Gravity 5.69' above Base Line

Long'l. Center of Gravity 115.65' forward of Midship

CONCRETE FILL - 18 cu.yds. @ 140 lbs. per cu.ft. 68,040 lbs.

Same heights as ballast blocks.

Vertical Center of Gravity 5.59' above Base Line

Long'l. Center of Gravity 114.91' forward of Midship

CONCRETE TOPPING - 36 cu.yds. @ 145 lbs. per cu.ft. 140,940 lbs.

Installed to a height of 5" above blocks.

Vertical Center of Gravity 6.51' above Base Line

Long'l. Center of Gravity 115.46' forward of Midship

CONCRETE FINISH - 20 cu.yds. @ 145 lbs. per cu.ft. 78,300 lbs.

Installed to a height of 1" above top of Concrete Topping

Vertical Center of Gravity 6.78' above Base Line

Long'l. Center of Gravity 115.46' forward of Midship

STRUCTURE - Steel Cribbings 2,244 lbs.

Vertical Center of Gravity 6.09' above Base Line

Long'l. Center of Gravity 104.22' forward of Midship

TOTAL 1,158,474 lbs.

Vertical Center of Gravity 5.86' above Base Line

Long'l. Center of Gravity 115.55' forward of Midship

**TODD SHIPYARDS  
CORPORATION**  
(BROOKLYN DIVISION)  
Foot of Dwight St.  
Brooklyn 31, N. Y.  
MAde 5-4878

**TODD SHIPYARDS  
CORPORATION**  
(NEW YORK DIVISION)  
Foot of 17th St.  
New York 11, N. Y.  
MOSeau 3-4780

**TODD SHIPYARDS  
CORPORATION**  
(CONSUMPTION  
EQUIPMENT DIVISION)  
81-16 45th Ave.  
Flushing, Queens, N. Y.  
HAmeis 7-5880

**TODD SHIPYARDS  
CORPORATION**  
(MOBILE DIVISION)  
Mobile, Ala.

**TODD SHIPYARDS  
CORPORATION**  
(GALVESTON DIVISION)  
Galveston, Texas

**TODD SHIPYARDS  
CORPORATION**  
(HOUSTON DIVISION)  
Houston, Texas

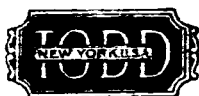
**TODD SHIPYARDS  
CORPORATION**  
(LOS ANGELES DIVISION)  
San Pedro, Calif.

**TODD SHIPYARDS  
CORPORATION**  
(SEATTLE DIVISION)  
Seattle 4, Wash.

Affiliated Companies

**TODD-JOHNSON  
DRY DOCKS INC.**  
New Orleans 3, La.

**TODD ATLANTIC  
SHIPYARDS CORPORATION**  
South Portland, Me.



# Todd Shipyards Corporation

NEW YORK OFFICE: 1 BROADWAY . TELEPHONE DIGBY 4 6900 . CABLE "ROBIN" NEW YORK

PLEASE ADDRESS YOUR REPLY TO

**TODD SHIPYARDS  
CORPORATION**  
(SAN FRANCISCO DIVISION)  
Foot of Main Street  
Alameda, California  
Lakeland 3-0321

- 3 -

June 4, 1954

## STARBOARD SHAFT ALLEY, FR. 146-166

**TODD SHIPYARDS  
CORPORATION**  
(BROOKLYN DIVISION)  
Foot of Dwight St.  
Brooklyn 31, N. Y.  
MAIn 5-4820

### FIG IRON

103,600 lbs.

Installed to a height of 12"

Vertical Center of Gravity 5.4' above Base Line

Long'l. Center of Gravity 113.0' aft of Midship

**TODD SHIPYARDS  
CORPORATION**  
(HOBOKEN DIVISION)  
Park Ave. & 17th St.  
Hoboken, N. J.  
HObooken 3-8700

CONCRETE - 6 cu.yds. @ 145 lbs. per cu.ft.

23,490 lbs.

Vertical Center of Gravity 6.1' above Base Line

Long'l. Center of Gravity 113.0' aft of Midship

**TODD SHIPYARDS  
CORPORATION**  
(EQUIPMENT DIVISION)  
81-16 45th Ave.  
Elmhurst, Queens, N. Y.  
ELInhurst 7-5500

### STRUCTURE

Vertical Center of Gravity 5.9' above Base Line

Long'l. Center of Gravity 136.0' aft of Midship

**TODD SHIPYARDS  
CORPORATION**  
(MOBILE DIVISION)  
Mobile, Ala.

### TOTAL

127,703 lbs.

Vertical Center of Gravity 5.5' above Base Line

Long'l. Center of Gravity 113.0' aft of Midship

Transverse Center of Gravity 13.6' Starboard

**TODD SHIPYARDS  
CORPORATION**  
(GALVESTON DIVISION)  
Galveston, Texas

## PORT SHAFT ALLEY, FR. 147-166

**TODD SHIPYARDS  
CORPORATION**  
(HOUSTON DIVISION)  
Houston, Texas

### FIG IRON

244,660 lbs.

Installed to a height of 38"

Vertical Center of Gravity 7.9' above Base Line

Long'l. Center of Gravity 114.0' aft of Midship

**TODD SHIPYARDS  
CORPORATION**  
(LOS ANGELES DIVISION)  
San Pedro, Calif.

CONCRETE - 7 cu.yds. @ 145 lbs. per cu.ft.

27,405 lbs.

Vertical Center of Gravity 8.2' above Base Line

Long'l. Center of Gravity 114.0' aft of Midship

**TODD SHIPYARDS  
CORPORATION**  
(SEATTLE DIVISION)  
Seattle 4, Wash.

### STRUCTURE

3,080 lbs.

Vertical Center of Gravity 7.9' above Base Line

Long'l. Center of Gravity 130.0' aft of Midship

### TOTAL

275,145 lbs.

Vertical Center of Gravity 7.9' above Base Line

Long'l. Center of Gravity 114.0' aft of Midship

Transverse Center of Gravity 13.6' Port

**TODD ATLANTIC  
SHIPYARDS CORPORATION**  
South Portland, Me.

**TODD-JOHNSON  
DRY DOCKS INC.**  
New Orleans 3, La.

Affiliated Companies



# Todd Shipyards Corporation

NEW YORK OFFICE: 1 BROADWAY • TELEPHONE DIGBY 4-6900 • CABLE "ROBIN" NEW YORK

PLEASE ADDRESS YOUR REPLY TO

**TODD SHIPYARDS  
CORPORATION**  
(SAN FRANCISCO DIVISION)  
Foot of Market Street  
Alameda, California  
Lakeland 2-0321

- 4 -

June 4, 1954

## COFFERDAM - FWD. ENGINE ROOM - FRS. 114-119

CONCRETE - UNDER SUMP - 3 cu.yds. @ 145 lbs. 11,745 lbs.

Vertical Center of Gravity 0.96' above Base Line  
Long'l. Center of Gravity 3.95' aft of Midship  
Transverse Center of Gravity 14.95' to Starboard

HEAVY AGGREGATE - 978 cu.ft. @ 270 lbs. 264,060 lbs.

Vertical Center of Gravity 2.60' above Base Line  
Long'l. Center of Gravity 3.65' aft of Midship  
Transverse Center of Gravity 3.07' to Starboard

TOTAL 275,805 lbs.

Vertical Center of Gravity 2.60' above Base Line  
Long'l. Center of Gravity 3.65' aft of Midship  
Transverse Center of Gravity 3.57' to Starboard

**TODD SHIPYARDS  
CORPORATION**  
(BROOKLYN DIVISION)  
Foot of Dwight St.  
Brooklyn 31, N. Y.  
MAIn 5-6820

**TODD SHIPYARDS  
CORPORATION**  
(HOUSTON DIVISION)  
Park Ave. & 17th St.  
Houston, N. J.  
HOuston 3-8780

**TODD SHIPYARDS  
CORPORATION**  
(EQUIPMENT DIVISION)  
81-16 45th Ave.  
Elmhurst, Queens, N. Y.  
ELmhurst 7-5500

**TODD SHIPYARDS  
CORPORATION**  
(MOBILE DIVISION)  
Mobile, Ala.

**TODD SHIPYARDS  
CORPORATION**  
(GALVESTON DIVISION)  
Galveston, Texas

**TODD SHIPYARDS  
CORPORATION**  
(HOUSTON DIVISION)  
Houston, Texas

**TODD SHIPYARDS  
CORPORATION**  
(LOS ANGELES DIVISION)  
San Pedro, Calif.

**TODD SHIPYARDS  
CORPORATION**  
(SEATTLE DIVISION)  
Seattle 4, Wash.

Affiliated Companies

**TODD-JOHNSON  
DRY DOCKS INC.**  
New Orleans 3, La.

**TODD ATLANTIC  
SHIPYARDS CORPORATION**  
South Portland, Me.