

17-18 F.P. 2  
 CONT 17-18  
 19-20 MAIL 1  
 21-22 MAIL 2  
 23-24 MAIL 1  
 25-26 MAIL 2  
 27-28 MAIL 1  
 29-30 MAIL 2  
 31-32 MAIL 1  
 33-34 MAIL 2  
 35-36 MAIL 1  
 37-38 MAIL 2  
 39-40 MAIL 1  
 41-42 MAIL 2  
 43-44 MAIL 1  
 45-46 MAIL 2  
 47-48 MAIL 1  
 49-50 MAIL 2

CONTRACT #167

LENGTH BET. PERPS	L = 468'-0"
LENGTH OVERALL	485'-2 1/2"
BREADTH, MOLDED	B = 62'-6"
DEPTH TO UPPER DECK, MOLDED	H = 32'-0"
DRAFT, MOLDED	T = 26'-3 1/2"
KEEL BELOW BASE LINE	0'-2 1/2"
DRAFT, KEEL	26'-6"

SCALES

1. DRAFT	1 INCH = 3.125 FEET
VERTICAL CENTERS	1 INCH = 3.125 FEET
TRANS. METACENTER	1 INCH = 3.125 FEET
2. DISPLACEMENT	1 INCH = 1305.8 TONS
3. MOMENT TO ALTER TRIM	1 INCH = 130.58 FT. TONS
4. LONGITUDINAL CENTERS	1 INCH = 2.34 FEET
5. DISPL. PER INCH IMMERSION	1 INCH = 3.482 TONS
6. AREA OF MIDSHIP SECTION	1 INCH = 97.6563 SQ. FEET
7. AREA OF WATER PLANE	1 INCH = 1462.5 SQ. FEET
8. AREA OF SHELL SURFACE	1 INCH = 292.5 SQ. FEET
9. COEFFICIENTS	1 INCH = 0.05

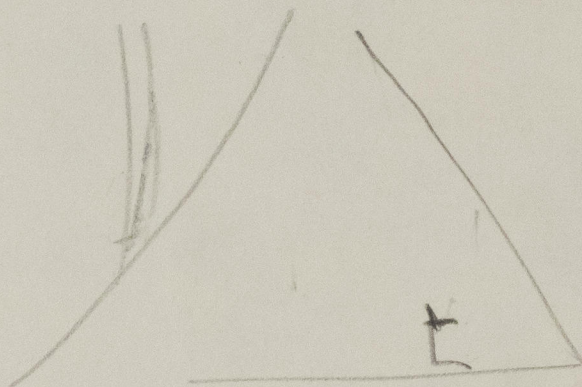
LOADED CONDITION

MEAN DRAFT TO BOTTOM OF KEEL	26'-6"
THICKNESS OF KEEL	0'-2 1/2"
MEAN DRAFT, MOLDED	26'-3 1/2"
DISPLACEMENT, MOLDED	17750 TONS
" OF SHELL	112
" TOTAL	17862 TONS
DISPL. PER INCH IMMERSION	607 TONS
INCREASE OF DISPL. 10" TRIM BY STERN	3.07 TONS
BLOCK COEFFICIENT	0.8081
MIDSHIP SECTION COEFFICIENT	0.8218
PRISMATIC COEFFICIENT	0.824
WATER PLANE	0.873
AREA OF MIDSHIP SECTION	1612 SQ. FEET
" WETTED SHELL SURFACE	46350 SQ. FEET
" RUDDER & BILGE KEELS	1180 "
" TOTAL WETTED SURFACE	47530 SQ. FEET
LONG. C.O.G. FWD OF	4.345 FEET
MOMENT TO ALTER TRIM ONE INCH	1930 FOOT TONS
TRANS. METACENTER ABOVE	25.688 FEET
AREA OF WATER PLANE	25530 SQ. FEET
CENTER OF GRAVITY OR W. PLANE OF	1.193 FEET

12-13 MAIL 2  
 24-25 MAIL 1  
 26-27 MAIL 2  
 28-29 MAIL 1  
 30-31 MAIL 2  
 32-33 MAIL 1  
 34-35 MAIL 2  
 36-37 MAIL 1  
 38-39 MAIL 2  
 40-41 MAIL 1  
 42-43 MAIL 2  
 44-45 MAIL 1  
 46-47 MAIL 2  
 48-49 MAIL 1  
 50-51 MAIL 2

STANDARDIZED CURVES  
 OF DISPLACEMENT, AREAS,  
 CENTERS AND COEFFICIENTS.  
 DRAWN BY H.L.S. TRACED BY J.W.T. DATE 17 MAY, 1916  
 NEW YORK SHIPBUILDING COMPANY,  
 CAMDEN, NEW JERSEY, U.S.A.  
 DR 167-204-A  
 12-13 MAIL 2  
 24-25 MAIL 1  
 26-27 MAIL 2  
 28-29 MAIL 1  
 30-31 MAIL 2  
 32-33 MAIL 1  
 34-35 MAIL 2  
 36-37 MAIL 1  
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 46-47 MAIL 2  
 48-49 MAIL 1  
 50-51 MAIL 2





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CAMDEN, N. J. U.S.A.  
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