

**SHIP No 687.**  
**T. S. M. V. "KANLAON."**  
**MIDSHIP SECTION.**  
**STEEL TWIN SCREW MOTOR VESSEL.**  
**DIMENSIONS:- 175'-0" B.P. x 30'-0" M.L.D. x 12'-3" M.L.D.**

**SCALE  $\frac{1}{2}$ " = ONE FOOT.**

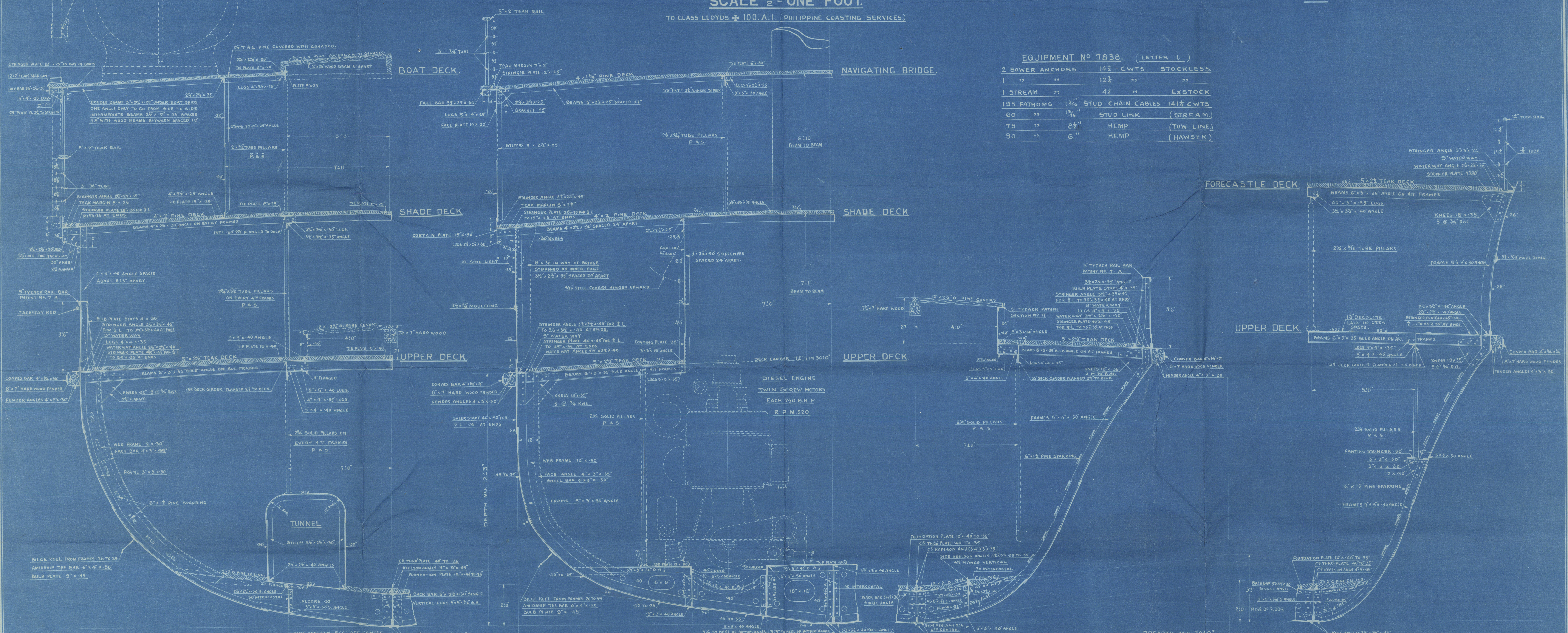
TO CLASS LLOYD'S 100. A. I. (PHILIPPINE COASTING SERVICES)

L x D = 2143.75  
 L x B + D = 7393.75  
 L/D = 14.28  
 B/D = 10.93  
 % LENGTH OF SUPERSTRUCTURES.

EQUIPMENT NUMBER.  
 L x (B + D) = 7393.75  
 FORECASTLE & HOUSES ETC. = 444.25  
 7838

**EQUIPMENT No 7838. (LETTER L.)**

2 BOWER ANCHORS	14 1/2 CWTs	STOCKLESS
1 " "	12 1/2 " "	" "
1 STREAM " "	4 1/2 " "	EX STOCK
195 FATHOMS	1 1/2 " "	STUD CHAIN CABLES
60 " "	1 1/2 " "	STUD LINK (STREAM)
75 " "	6 1/2 " "	HEMP (TOW LINE)
90 " "	6 " "	HEMP (HAWSER)

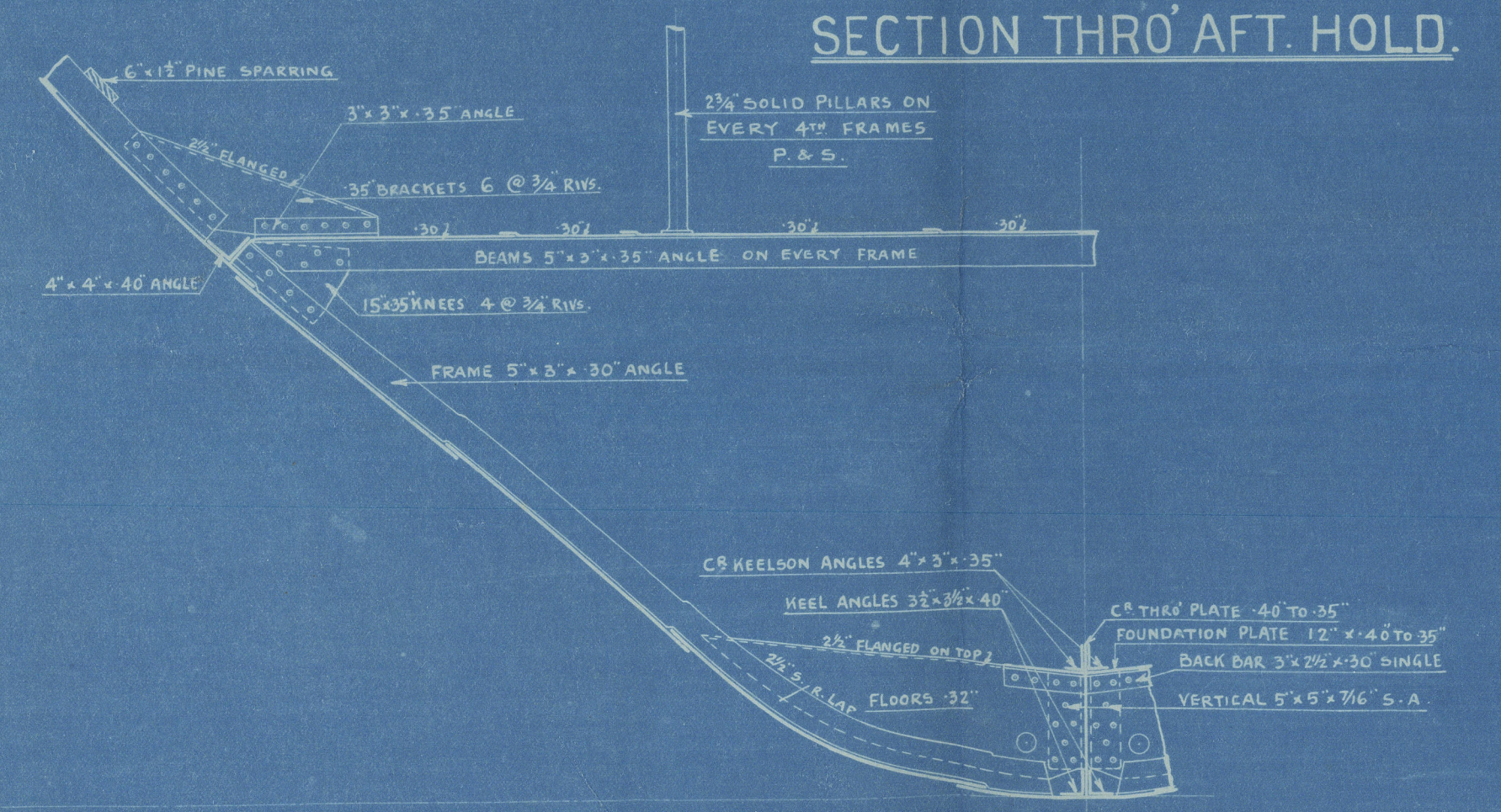


**SECTION THRO' AFT. HOLD.**

**MIDSHIP SECTION.**

**SECTION THRO' FORE HOLD.**

**SECTION THRO' FORECASTLE.**

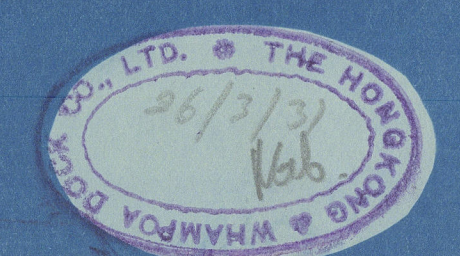


**SECTION THRO' TUNNEL FLAT.**

STEM 6" x 12" STERN POST 5 1/2" x 13 1/2" RUDDER POST 5 1/2" x 13 1/2"  
 FRAMES 5" x 3" x 30" ANGLES ALL F & A. SPACED 22" APART.  
 PEAK FRAMES 4" x 2 1/2" x 34" ANGLE  
 REVERSE FRAMES 3 1/2" x 3" x 40" D.A. IN MOTOR ROOM. 3" PLATE TO BILGE  
 FLOORS 18" x 32" ALL F & A. PLACED 28" IN LIEU OF REVERSE FRAME  
 AND INCREASED IN DEPTH IN LIEU OF BILGE BRACKETS  
 BULKHEAD FLOORS 35" PLATING 30"  
 FLOORS 40" IN MOTOR ROOM.  
 FLOORS 18" x 30" WITH 2 1/2" x 2 1/2" x 30" REVERSE FRAME FROM 3 1/2" L.  
 FORWARD TO RULE POSITION OF COLL. BULKHEAD.

**STRENGTHENING FORWARD.**

THE MIDSHIP THICKNESS OF STRAKES NEXT THE KEEL, COVERING ENTIRE  
 FLAT OF BOTTOM ARE MAINTAINED TO RULE POSITION OF COLLISION B.M.P.  
 BOTTOM FRAMES DOUBLED TO LOWER TURN OF BILGE WITH 3" x 3" x 30" ANGLES  
 FROM 3 1/2" L. FORD TO RULE POSITION OF COLLISION BULKHEAD.  
 ADDITIONAL INTERCOSTAL SIDE KEELSON ARE FITTED FORWARD OF 3 1/2" L.  
 FROM FRAME 70 TO FRAME 82 2" 6" OFF CENTRE LINE P.A.S.  
 SEAMS OF STRAKES IN WAY OF THIS STIFFENING ARE DOUBLE RIVETED  
 NO FLANGING WITHIN RANGE OF THIS STIFFENING.



HONG KONG & WHAMPOA DOCK CO. LTD.  
 DRAWING No. 224  
 3-31



689

Midship Deck

Midship Section (astern)

8/ Kanlaon



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Lloyd's Register  
Foundation

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