

# EQUIPMENT.

92.15 x 308.33	=	28412.60
1.5 x 7.5 x 160	=	1800.00
7.5 x 26	=	195.00
EQUIPMENT NUMERALS	=	30407.60

2 BOWY Anchors each	36 Cuts ex. Stock
1 Anchor	31
1 Stream	12
1 Kedge	5 1/2
270 x 30 (300) FATHOMS 1 1/2" STUD CHAIN CABLE	
90 FATHOMS 1 1/4" STEEL WIRE	
100 FATHOMS 12" HEMP OR 4" STEEL WIRE TOWLINE	
2 of 90	7 1/2
2 of 90	6
	2 1/4
	2 1/4
	WARDS

NUMERALS (TO 3 DECK RULE)	
1/2 BEAM	20.00
DEPTH	27.33
1/2 GIRTH	44.82
	92.15
	85.15
	7.00
LENGTH	308.33
	26254.24
	2 <sup>ND</sup> NO.

NUMERALS (TO SPAR DECK RULE)	
1/2 BEAM	20.00
DEPTH	19.83
1/2 GIRTH	37.32
	77.15
LENGTH	308.33
	23787.68
	2 <sup>ND</sup> NO.

## PROPORTIONS

BEAMS TO LENGTH = 7.70  
 DEPTHS TO LENGTH TO SPAR DECK = 11.63  
 11.28

## SCANTLINGS.

FRAMES 5" x 3" x 9/16" FOR 3/4 L TO 7/16 AT ENDS: SPACED 24 INCHES APART  
 TO FORM WITH REVERSE BAR AN 8" GIRDER BETWEEN PEAK BHOS.  
 ALL TO SPAR DECK ADAPT AFTER PEAK BHOS.  
 BHO FRAMES DOUBLE 3 1/2" x 3" x 9/16" FOR 3/4 L TO 7/16 AT ENDS.  
 FRAMES IN PEAKS 5" x 3" x 7/16": ALTERNATE FRS. DOUBLED IN WAY OF STERN TUBE.

REVERSE FRAMES. 6 1/2" x 3" x 9/16" FOR 3/4 L TO 7/16 AT ENDS. BETWEEN PEAK BHOS.  
 TO EXTEND TO SPAR DECK + TOP OF MAIN DECK STRINGER ANGLE ALTERNATELY.  
 ALTERNATELY TO FOLE DECK IN WAY OF FOLE.  
 ALL TO SPAR DECK ADAPT AFTER PEAK BHOS.  
 IN PEAKS 3 1/2" x 3" x 9/16"

DOUBLE BOTTOM  
 FRAMES 3 1/2" x 3" x 9/16" FOR 3/4 L TO 7/16 AT ENDS.

REV. FRS 3 1/2" x 3 1/2" x 7/16"  
 Single Angle in Engine Space 4 1/2" x 4 1/2" x 7/16"  
 Boiler Space 3 1/2" x 3 1/2" x 11/16"  
 Double under Boiler Beams.

Floors in Double Bottom, before abaft E & B Space 7/16"  
 in Engine Space 8/16": in Boiler Space 11/16" IRON.  
 in Peaks 7/16"

INTERCOSTAL GIRDER 7/16" x 1/2" (8/16") FLANGED. (SEE SKETCH).  
 in Engine Space 8/16" not flanged  
 in Boiler Space 11/16" IRON

Bulkheads in Holds 7/16": in 'TWEEN DECKS 6/16"  
 STIFFENED BY VERTICAL FLANGES 30" APART  
 FOR DEPTH OF FLANGES SEE PROFILE.  
 CONNECTED TO TANK TOP + DECK PLATING BY  
 DOUBLE ANGLES 3 1/2" x 3" x 8 1/16"

STEM: 10" x 2 5/8"

STERN FRAME: (INCREASED 1/2" EACH WAY) 10 1/2" x 6 1/2"

RUDDER: STOCK = 8 1/2": PINTLES 4": KEEL = 6". (STOCK INCREASED 1/2" AS SHOWN).  
 OR AS PER FORMULA.

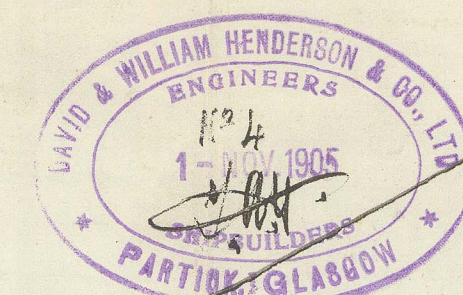
RIVETS OF IRON

Sketch of Margin  
 WHERE GUSSET FITTED

Sketch of Side Stringers.

# S.S. Nos 457-8. Midship Section.

Dims: 310'-0" BP x 40'-0" MID. x 26'-6" MID.  
 To class 100 A1 LLOYDS SPAR DECK RULE.



Pop. BRIDGE + FOLE DECKS  
 SHEATHED WITH 5/16" TEAK  
 INSIDE HULLS 5/16" YELLOW OAK KAURI PINE  
 12" 7/16" Pop. DR Tie Plate  
 BUTTS LAPPED 7 IR

BRIDGE DECK

SPAR DECK

MAIN DECK

FOLE DECK

UNDER 40 FT BEAM.

5" x 5" x 1/2" Tee.

SPAR DECK BEAMS

SPAR DECK BEAMS UNDER BRIDGE

HATCH END BEAMS

HATCH CARLINGS

FOLE DECK BEAMS

FOR REDUCTIONS AT ENDS SEE PROFILE.

Complete Steel Deck

Butts Lapped + 2R FOR 1/2 L: 1R AT ENDS

SEAMS 1R FORE + AFT.

Stringer 54" x 10 1/2" FOR 1/2 L

36" x 8 1/2" AT ENDS

Butts Lapped + 3R FORE + AFT

ANGLES 4" x 4" x 3/8"

Under 40 ft Beam.

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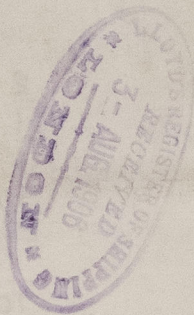
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ANGLES 4" x 4" x 3/8"



Midship Section

Henderson's 457-8



RETAIN

Chikuzen Maru  
Gls. rpt. No. 25144

s/s "Chikugo Maru"  
Gls. Rpt. N° 25403



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Lloyd's Register  
Foundation