

MIDSHIP SECTION.

SCALE :- 1 : 25.

CLASS ✠ 100 A 1. HOPPER BARGE.

PRINCIPAL DIMENSIONS.

LENGTH P.P.	58.000
BREADTH MOULDED.	11.000
DEPTH "	3.800
DRAFT (EXTREME)	3.100

SCANTLING NUMERALS.

DEPTH.	D.	3.80
1 <sup>ST</sup> LONGITUDINAL NUMERALS.	$L \times D$	228
2 <sup>ND</sup> " "	$L \times (B+D)$	851
PROPORTION.	$L/D$	15.2
FRANKING DEPTH		3.3

## EQUIPMENT NUMBER

$L \times (B+D)$		858
FORECASTLE.	$7.5 \times 1.85 \times 7.5$	10
DECK HOUSE.	$(15.75 \times 3.9) \times 2.20 \times 5.0$	21
EQUIPMENT NO.		999

## EQUIPMENTS.

3 - BOWER ANCHORS (STACKLESS) 920<sup>KY</sup> EACH.  
1 - STREAM ANCHOR (COMMON) EX STACK 215  
38" - 34" DIA STD STUD CHAIN CABLE FOR BOWER ANCHORS  
125" - 78" DIA F.S.W.R. FOR STREAM ANCHOR.  
165" - 24" DIA " " TOW LINE.  
165" - 50" DIA " " MANILA ROPE FOR HAWSER.  
165" - 60" DIA " " " WARP

FORGING AND CASTING.

STEM. MILD STEEL. 160x35  
STERN FRAME. CAST " AS PER DETAIL PLAN  
RUDDER. DOUBLE PLATE RUDDER. " " " "

## SHELL PLATING.

FLAT PLATE KEEL	970 x 1/2 S AT 3/4 LB 1/2 S AT ENDS	BUTT LAPPED.
BOTTOM PLATE	7 1/2 S AT 3/4 LB 8 AT ENDS	BUTT LAPPED.
SIDE PLATE	7 1/2 " " 2 " "	DOUBLE RIVETED THROUGHOUT
BUSS PLATE	7 1/2	DOUBLE RIVETED
AFT HOOD PLATE	9	" "
SHEER STRAKE	1,800 x 1/2 S AT 3/4 LB 2 AT ENDS	BUTT LAPPED. 4R - 2R
F <sup>1</sup> SIDE PLATE	7	" " 1R.

FRAMING.

FRAME SPACE -- \$10 PER AFT. PEAK TANKS.  
810 ELSEWHERE.

FRAMES IN HOLD	125' x 75' x 7 ft.	ALL EXTEND TO UPPER DECK. FLOOR DE IN WAY OF FIRE
" " ENGINE ROOM	125' x 75' x 9 ft.	
" " BOILER SPACE	175' x 75' x 10 ft.	
" " PEAKS	100' x 75' x 10 ft.	
CANT FRAMES	100' x 75' x 9 ft.	

STRINGER IN "PEAK."

IN FORE PEAK. STRINGER PLATE. 614 x 8.5  
SHELL ANGLE. 100 x 100 x 10 A.  
BEAMS TO ALT. FRAME. 150 x 90 x 9 A  
FLOOR IN PEAKS. 8.5

UPPER DECK.

STRINGER PLATE. 1.400 x 11 AT  $\frac{1}{2}$  LK 666 x 8.5 AT END. (BUT LAPPED 38" 7K  
" " IN WAY OF HOPPER WELL. 1300 x 15 (" " 3K.)  
STRINGER ANGLE 150 x 50 x 15 AT  $\frac{1}{2}$  LK 75 x 75 AT END.  
DECK PLATE. 6.5 (BUT LAPPED 1K.)  
WIND PLANK. 125 x 1.5 O.P. AND DECK COMPOSITION IN WAY OF ERECTION.

FORECASTLE DECK.

STRINGER PLATE.	4.55 x 7
TIE PLATE.	180 x 7
STRINGER ANGLE.	75 x 75 x 9
WOOD PLANK	125 x 75 x 6
DECK PLATE UNDER WINDLASS.	10.5

CREW SPACE FLOOR.

STRINGER PLATE. 1040 x 8.5 AT  $\frac{1}{2}$  L & 877.5 x 8.5 AT END  
" ANGLE. 75 x 75 x 9 AND SHELL ANG. 75 x 75 x 9 A.  
THE PLATE. 230 x 8.5  
WOOD PLANK. 125 x 66 O.P.

### PANTING ARRANGEMENT.

BOTTOM FRAMES. 130x130x9 S.A. FROM  $\frac{1}{2}$  L $\&$  to COLL. B.H.P.  
SHELL PLATING. SHELL PLATING (A) AND (B) FROM  $\frac{1}{2}$  L $\&$  to ER 90  
 IN WAY OF FLAT OF BOTTOM. 10.S.  
SIDE KEELSON. ADDITIONAL SIDE KEELSON TO BE FITTED AT  
 FORWARD OF  $\frac{1}{2}$  L $\&$  to COLL. B.H.P.

№4067

中央切断

1 : 25

[illegible]

MH 1880 © 2020

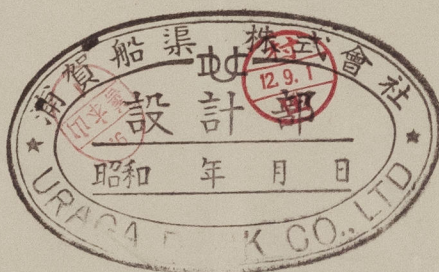
 Lloyd's

4120-904150-0214

"Kamchatskaya"  
yka 6190

ロイド協會殿行

Ship's Name or No.	406 & 7
Name of Drawing	Midship section furnished plan
Drawing No.	Sending No.



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Lloyd's Register  
Foundation

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