

## MIDSHIP SECTION

S S N<sup>o</sup> 504

$$410 \times 50 - 6 \times 32$$

TO CLASS 100 A1 AT LLOYDS [3 DECKED]

SCALE  $\frac{1}{2}$  INCH = 1 FOOT

"Okhla" as built 22/6/95

L. Heale

<u>LLOYDS NUMERALS</u>	
2 <sup>1</sup> BREADTH	25 25
- DEPTH	33 04
- CIRTH	<u>54 60</u>
	112 89
	<u>- 7 00</u>
1 <sup>ST</sup> NUMERAL	105 89
	x 408
2 <sup>ND</sup> NUMERAL	<u>43023</u>

EQUIPMENT NUMERAL		
$\frac{1}{2}$ BREADTH		25 25
$\frac{1}{2}$ DEPTH		33 04
$\frac{1}{2}$ CIRTH		54 60
		112 89
		400
		46059
ADD FOR D <sup>K</sup> ERECTIONS		1843
EQUIPMENT NUMERAL		47902

PROPORTIONS		
BREADTHS TO	LENGTH	8 08
DEPTHS (MO)	"	16 27
" (UD)	"	12 35

WEB FRAMES CARRIED  
TO UPPER D<sup>n</sup> IN WAY OF  
E & B SPACE

WEB FRAMES IN HOLDS 8 E & B SPACE  
 $20 \times \frac{10.9}{20}$  SPACED 4 FRAMES APART  
 STRINGERS (THREE)  $20 \times \frac{10.9}{20}$   
 DIAMOND PLATES  $30 \times 24 \times \frac{10.9}{20}$   
 FACE ANGLE  $6\frac{1}{2} \times 4\frac{1}{2} \times \frac{10.9}{20}$   
 OTHER ANGLES  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{10.9}{20}$

BOX BEAMS IN HOLDS SPACED  
8 FRAMES APART : 1 SPACE LONG  
12 x  $\frac{11}{16}$  BULB PLATE WITH ANGLE  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{9}{16}$  ON TOP  
PLATE ON TOP  $30 \times \frac{9}{8}$

LONG PILLARS  $4 \frac{3}{8}$   
ON ALTERNATE BEAMS

1 GIRDER  
 $1 \times 8 \times 3\frac{1}{2} \times 3\frac{1}{2} \times \frac{18.67}{78}$  APPROX 24" HGT ST  
 MAIN DECK BEAMS  $9, 3, \frac{12}{20}$  ANGLE BULB  
 TO 8, 32, 32,  $\frac{12}{20}$  CHANNEL WHERE UNDER  $\frac{3}{4}$  MIDSHIP LENGTH  
 ON EVERY FRAME

## — SCANTLINGS

FRAMES  $7 \times \frac{3}{2} \times \frac{3}{2} \times \frac{12}{20} \times \frac{11}{20}$  CHANNEL  
TO  $7 \times \frac{3}{2} \times \frac{9}{20}$  ANGLE SPICED 30 APART  
FRAMES IN TANK  $\frac{3}{2} \times \frac{3}{2} \times \frac{15}{20} \times \frac{3}{20}$   
REV FRAMES  $4 \frac{1}{2} \times \frac{3}{2} \times \frac{10}{20}$  AT ENDS ONLY  
DOUBLE UNDER E & B  
BULKHEADS: LOWER HALF  $\frac{3}{20}$ , UPPER  $\frac{20}{20}$  STIFFENERS TO RULE  
PILLARS: LONG PILLARS IN HOLD  $4 \frac{1}{2}$ , SHORT PILLARS 4  
TWEEN D<sup>1</sup> PILLARS 3 - ON ALTERNATE FRAMES FOR  $\frac{3}{4}$  LEN.  
% EVERY FOURTH FRAME BEYOND - TWO ROWS -  
STEM  $11 \frac{1}{2} \times 3 \frac{1}{2}$  POST  $11 \frac{1}{2} \times 7 \frac{1}{2}$   
RUDDER HEAD 10' HEEL 5'

## — RIVETING —

AFTER LENGTHS OF PLATING ON STERN FRAME TO BE SAME THICKNESS AS  $\frac{1}{2}$  STRAVES OF WHICH THEY ARE PART. BOSS PLATES  $\frac{1}{2}$  PLATES ABOVE & BELOW SAME  $\frac{2}{30}$  THICKER THAN  $\frac{1}{2}$  PLATING & THEIR BUTTS DOUBLE STRAPPED OR LIPPED & TREBLE RIVETED. KEEL BUTTS STRAPPED & TREBLE RIVETED FORE & AFT. STRAPS  $\frac{1}{20}$  THICKER THAN PLATES FOR  $\frac{3}{4}$  LENGTH  $\frac{2}{30}$  AT ENDS. SHEERSTRAKE  $\frac{1}{2}$  STRAKE BELOW DOUBLE STRAPPED & TREBLE RIVETED BUTTS OF SHELL PLATING BETWEEN KEEL PLATE & STRAKE NEXT BELOW SHEERSTRAKE LAPPED & TREBLE RIVETED FORE & AFT. UPPER D<sup>1</sup> STANCHION PLATE DOUBLE STRAPPED FOR  $\frac{1}{2}$  LENGTH &  $\frac{1}{2}$  TREBLE RIVETED FORE & AFT. STRAPS FROM  $\frac{1}{2}$  LENGTH TO  $\frac{3}{4}$  LENGTH  $\frac{2}{30}$  THICKER THAN PLATES.  $\frac{2}{20}$  HICKER AT ENDS. MAIN D<sup>1</sup> STANCHION PLATE TREBLE RIVETED FORE & AFT. STRAPS  $\frac{1}{20}$  THICKER THAN PLATES FOR  $\frac{3}{4}$  LENGTH  $\frac{2}{30}$  AT ENDS. RIVETS THROUGH FRAME & SHELL SPACED 5 TO 6 DIA APART. ADDITIONAL RIVETS IN LANDIN EDGES BETWEEN FRAMES.

INNER BOTTOM PLATING - IN E & B SPACE - MIDDLE LINE  
STRAKE FOR  $\frac{1}{2}$  LEN  $\frac{10}{20}$  MIDDLE LINE STRAKE AT ENDS  $\frac{8}{20}$   
REMAINDER  $\frac{8}{20}$   $\frac{2}{2}$   
FLOORS & OTHER PARTS OF INNER BOTTOM IN BOILER ROOM  $\frac{10}{20}$  MORE  
BUTTS DOUBLE RIV F&A; EDGES OF MIDDLE LINE & NEXT STRAKE  
DOUBLE F&A REMAINDER DOUBLE FOR  $\frac{1}{2}$  LENGTH.  
MARGIN PLATE BUTTS DOUBLE RIV CENTRE PLATE TREBLE RIV & DOUBLE STRAPPED

## EQUIPMENT

2	BOWER	ANCHORS	45	CWTS	EX	STOCK
2	"	"	42	"	"	"
1	STREAM	"	15 $\frac{1}{4}$	"	"	"
1	KEDGE	"	7 $\frac{1}{2}$	"	"	"
270	FATHOMS	2 $\frac{1}{4}$	STUD	CHAIN	CABLE	
90	"	1 $\frac{1}{4}$	STREAM	CHAIN	OR	4 $\frac{3}{4}$ WIRE
120	"	14	HEMP	OR	4 $\frac{3}{4}$	WIRE
90	"	12	HANSEY			
90	"	10	WARP			

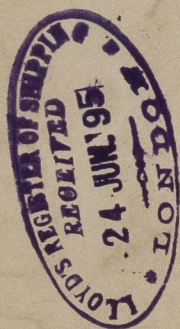
STRAKE DOUBLED FOR  $\frac{1}{2}$  LENGTH

PLATE REEL 36 x  $\frac{18.14}{20}$   
DOUBLE FOR  $\frac{1}{2}$  LENGTH

THIS STRAKE DOUBLED FOR  $\frac{1}{2}$  LENGTH



Midship Section (as built)  
S.S. "Okhla" Glasgow Report No. 13791



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