

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

DIMENSIONS:- 425'-0" B.P.(ON L.W.L.) x 58'-3" EXT. x 58'-0" MLD. x 28'-9" MLD. TO SECOND DECK x 38'-3" MLD. TO UPPER DECK
TO CLASS 100 A.I. WITH FREEBOARD CORRESPONDING TO C.S.S VESSEL WITH TONNAGE OPENING AT LLOYDS SPECIAL SURVEY

	LONGITUDINAL NUMBER	L x D	NUMERALS	
FIRST			= 425	0 x 36.75 = 15618.75
2 ND	LONGITUDINAL NUMBER	L x (B + D)	= 425.0 x (38.0 + 36.75)	= 40268.75
1/2	TO UPPER DECK	= 425.0 x 38.25		= 11.11
D	MOULDED DEPTH	= 28.75 + 8.0		= 36.75
d	= 38.25 - (9.5 + 3.92)			= 24.83

EQUIPMENT NUMBER		
SECOND LONGITUDINAL NUMBER	425.0	$\times (58.0 + 38.25) = 40906.25$
FORECASTLE	37.0	$\times 7.5 = 74 = 208.12$
HOUSE ON UPPER DECK AFT	33.0	$\times 7.5 \times \frac{1}{2} = 123.75$
MIDSHIP HOUSE ON UPPER DECK	130.5	$\times 8.0 \times \frac{1}{2} = 522.00$
HOUSE ON BRIDGE DECK	28.0	$\times 8.0 \times \frac{1}{2} = 112.00$
EQUIPMENT NUMBER		
		$= 41872.12$

EQUIPMENT				
2	BOWER ANCHORS	72 1/2	CNTS	EACH STOCK
1	BOWER ANCHOR	62	CNTS	STOCK
1	STREAM ANCHOR	20 1/2	CNTS	EX - STOCK
300	FATHOMS	2 1/2	STUD	CHAIN CABLE
120	FATHOMS	1 1/2	SPECIAL	CHAIN OR 5 FLEXIBLE STEEL WIRE
130	FATHOMS	5	SPECIAL FLEXIBLE	STEEL WIRE
2	WAINWERS	100	FATHOMS	8 HEND OR 2 1/2 FLEXIBLE STEEL WIRE
2	HAUPTS	100	FATHOMS	8 HEND OR 2 1/2 FLEXIBLE STEEL WIRE

RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES ART PEAK SPACED 5 DIAMS APART C² TO C².

RIVETS IN FRAMES TO SHELL AT PLAT OF DOUBLE BOTTOM FORD HALF LENGTH FORD SPACED 5 1/2 DIAMS (TWO COMPLETE ROWS)

RIVETS IN FRAMES TO FLOORS AT PLAT OF DOUBLE BOTTOM FORD HALF LENGTH FORD SPACED 5 1/2 DIAMS (TWO COMPLETE ROWS)

RIVETS IN SIDE FRAMES TO SHELL SPACED 6 1/2 DIAMS APART 5 1/2 DIAMS APART N WAY OF FORD AND ART PEAK

TAUWS AND DEEP FRAMING FORWARD

RIVETS IN BOTTOM FRAMES TO SHELL ART HALF LENGTH FORWARD SPACED 7 DIAMS APART C² TO C².

RIVETS IN 3 R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3 1/2 DIAMS APART C² TO C².

RIVETS IN 4 R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAMS APART C² TO C².

RIVETS IN BEAMS OF SHELL PLATING DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE #0.

RIVETS IN BUTTS OF DECK PLATING INNER BOTTOM AND MARGIN PLATING SPACED 4 DIAMS APART C² TO C².

RIVETS IN BEAMS AND BUTTS OF BULKHEAD AND TUNNEL PLATING MARGIN ANGLES AND WEATHER DECK STRINGER ANGLES AND BULKHEAD FRAME TO BULKHEAD SPACED 4 1/2 DIAMS APART C² TO C².

RIVETS N FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER AND SHELL FLANGE OF WATERTIGHT BULKHEAD FRAME SPACED 5 DIAMS APART C² TO C².

RIVETS IN FRAMES TO FLOORS ART HALF LENGTH FORWARD REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING, VERTICAL ANGLES TO FLOORS AND SIDE GRIDERS, N BULKHEAD STEPPERS (EXCEPT PEAK BULKHEADS) AND IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAMS APART C² TO C².

RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIAMS APART C² TO C² NON - WATERTIGHT

RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIAMS APART C² TO C² WATERTIGHT

ADDITIONAL SIDE GIRDERS IN WAY
OF ENGINE AND THRUST SEATING

DOUBLE BOTTOM ARRANGED FOR
CARRYING OF OIL FUEL IF NECESSARY

FORECAST:

STRINGER PLATE 35" x 36" BUTTS 1 R.

STRINGER ANGLE 3 1/2" x 3 1/2" x 36"

DECK PLATING 32" UNSHEATHED 36"

BUTTS LAPPED 8 1 R.

SIDE PLATING 40" SEAMS & BUTTS 1 R.

BEAMS ON EVERY FRAME AS PER PROFILE

AND DECK PLAN.

'L' IN
TO RULE 51" x .70 FOR $\frac{1}{2}$ LEN. ϕ
FITTED 62" x 69 FOR $\frac{1}{2}$ LEN. ϕ
TO .47 AT ENDS. BUTTS LAPPED @
4" R. FOR $\frac{1}{2}$ LEN. ϕ TO 3" R. AT ENDS.

'K' OUT

TO RULE 51' x .66 FOR $\frac{1}{2}$ LEN. $\$$
FITTED 62' x .64 FOR $\frac{1}{2}$ LEN. $\$$
TO .47" AT ENDS BUTTS LAPPED 6
4 R. FOR $\frac{1}{2}$ LEN. $\$$ TO 3-R AT ENDS

'J' IN
8 1/2" x .60 FOR 1/2 LEN. Ø
TO .47 AT ENDS
BUTTS LAPPED & 3 R

H'OUT
8 1/2 x .60 FOR 1/2 LEN. Ø
TO .47 AT ENDS
BUTTS LAPPED & 3 R

G IN
8 1/2" x 60 FOR 1/2 LEN Q
TO 47 AT ENDS
BUTTS LAPPED 6 3 R

'F' OUT
81" - 60" FOR 1/2 LEN. @
TO 47" AT ENDS
BUTTS LAPPED & 3 R.

LANDING 34

E IN

79 - 1 G. FOR 1/2 LEN. ϕ TO
50 AT ENDS BUTTS LAPPED 5
4 R. FOR 1/2 LEN. ϕ TO 3 R. AT ENDS

MARGIN SHELL ANGLE

$3/2 \times 3/2 = 54$ FORE 5 AFT.

MARGIN PLATE TO RULE $40\frac{1}{4} \times .54 = .60$ IN B.S.
 FITTED ABOUT $44\frac{1}{2} \times .54 = .60$ IN B.S.
 * BUTTS LAPPED 6 B.R. THROUGHOUT

BULGE KEEL 6' x 6' x .50 TEE BAR
WITH 10' x .44 BULB PLATE FOR
ABOUT 112'-0" AMIDSHIPS

SPECIAL PLAN OF BOTTOM STRENGTHENING
FORWARD TO BE SUBMITTED LATER.

DISPOSITION OF FLOORS

SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE AND
FORWARD ²⁵ LENGTH FORWARD, UNDER BOILER BEARERS & BULKHEADS
PARTIAL SOLID UNDER THRUST ELSEWHERE SOLID FLOORS ON
EVERY SECOND FRAME BRACKET FLOORS INTERMEDIATE

KNEEL OUT

52 1/2" x .79 FOR 3/5 LEN. @ 70
69 AT ENDS BUTTS LAPPED @
4 R. TO 3 R. AT ENDS

'A' IN

81 - 61 FOR 1/2 LEN. Ø TO
30 AT ENDS BUTTS LAPPED E
4 R FOR 1/2 LEN. Ø TO 3 R. AT ENDS

B OUT

2. 67 3/4" GI FOR 1/2 LEN. Ø TO
50" AT ENDS BUTTS LAPPED &
4 R. FOR 1/2 LEN. Ø TO 3 R. AT ENDS

C IN

78 1/4" - 61" FOR 1/2 LEN. Ø TO
50" AT ENDS. BUTTS LAPPED
6 4 R. FOR 1/2 LEN. Ø TO 3 R. AT ENDS

D OUT.

73 - 61 FOR 1/2 LEN. 00 TO
50 AT ENDS. BUTTS LAPPED &
4.R FOR 1/2 LEN. 00 TO 3.R. AT ENDS

LITHGOWS LTD

Nº 878⁴ "HARPAGON"

MIDSHIP SECTION

(AS BUILT)

GRK FIRST ENTRY REPORT Nº 19945.

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Foundation