

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 35'-3" MLD. TO UPPER DECK.
TO CLASS 100 A.I. WITH FREEBOARD CORRESPONDING TO C.S. VESSEL WITH TONNAGE OPENING AT LLOYDS SPECIAL SURVEY.

EQUIPMENT NUMBER			
SECOND LONGITUDINAL NUMBER	425.0	$\times (58.0 + 38.25)$	= 40906.25
FORECASTLE	37.0	$\times 7.5$	= 208.12
HOUSE ON UPPER DECK AFT	34.0	$\times 7.5 \times \frac{1}{2}$	= 128.75
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

RIVETING NOTE

RIVETS IN FRAMES TO FLOOR AND CROSS TIE PLATES AFT PEAK SPACED 5 DIAMS APART C^o TO C^o.
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORD HALF LENGTH FORD SPACED 5 1/2 DIAMS (TWO COMPLETE RING)
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FORD HALF LENGTH FORD SPACED 6 1/4 DIAMS (TWO COMPLETE RING)
RIVETS IN SDE FRAMES TO SHELL SPACED 6 1/2 DIAMS APART, 5 1/2 DIAMS APART IN WAY OF FORD AND AFT
PEAK TANKS AND DEEP FRAMING FORWARD.
RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FORWARD SPACED 7 DIAMS APART C^o TO C^o.
RIVETS IN BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3 1/2 DIAMS APART C^o TO C^o.
RIVETS IN BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAMS APART C^o TO C^o.
RIVETS IN SEAMS OF SHELL PLATING, DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40.
RIVETS IN BUTTS OF DECK PLATING INNER BOTTOM AND MARGIN PLATING SPACED 4 DIAMS APART C^o TO C^o.
RIVETS IN SEAMS 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 C^o TO C^o.
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GRIDER AND SHELL PLANGE OF WATERTIGHT
BULKHEAD FRAME SPACED 5 DIAMS APART C^o TO C^o.
RIVETS IN FRAMES TO FLOORS AFT HALF LENGTH FORWARD, REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING,
VERTICAL ANGLES TO FLOORS AND SDE GRIDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK BULKHEADS) AND IN
DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAMS APART C^o TO C^o.
RIVETS IN CENTRE GRIDER TOP ANGLES SPACED 7 DIAMS APART C^o TO C^o NON WATERTIGHT
RIVETS IN CENTRE GRIDER TOP ANGLES SPACED 5 DIAMS APART C^o TO C^o WATERTIGHT.

SCANTLINGS AND DETAILS OF CONSTRUCTION NOTED HEREON ARE SUBMITTED ON THE UNDERSTANDING THAT THEY ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR CLASS. ERRORS AND OMISSIONS EXCEPTED.

SPECIAL PLAN OF BOTTOM STRENGTHENING
FORWARD TO BE SUBMITTED LATER.

DISPOSITION OF FLOORS
SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE AND
FORWARD 3/5 LENGTH FORWARD, UNDER BOILER BEARERS & BULKHEADS
PARTIAL SOLID UNDER THRUST ELSEWHERE SOLID FLOORS ON
EVERY SECOND FRAME. BRACKET FLOORS INTERMEDIATE.

KEEL OUT
x .79 FOR $\frac{3}{5}$ LEN. Ø TO
AT ENDS BUTTS LAPPED
TO 3.R. AT ENDS

A' IN		B' OUT		C' IN	
51 - 61 FOR 1/2 LEN. Q. TO		73 - 81 FOR 1/2 LEN. Q. TO		73 - 81 FOR 1/2 LEN. Q. TO	
51 AT ENDS BUTTS LAPPED E		51 AT ENDS BUTTS LAPPED E		51 AT ENDS BUTTS LAPPED E	
4 R. FOR 1/2 LEN. Q. TO 3 R. AT ENDS		4 R. FOR 1/2 LEN. Q. TO 3 R. AT ENDS		4 R. FOR 1/2 LEN. Q. TO 3 R. AT ENDS	
THICKNESS OF BOTTOM SHELL PLATING FROM FORWARD HALF LENGTH FORWARD TO RULE POSITION OF COLLISION BULKHEAD: 61 = 10% = .67.					

'D' OUT.
73 - 61 FOR 1/2 LEN. Q TO
50 AT ENDS. BUTTS LAPPED &

LITHGOWS LTD

Nº 874 v 875

MIDSHIP SECTION.

S. S. "HARPAGON"



GRK. FIRST ENTRY REPORT Nº 19975.

SS "HARMALA"

GRK FIRST ENTRY RPT Nº 20015



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W43-0134