

Nº 1174.

STERN FRAME.
FORGED IRON.
TO LLOYD'S TESTS.

COUPLING BOLTS TO BE SHIPPED FROM
TOP WITH NUTS SCREWED UP ON UNDER SIDE

SPLIT PINS FITTED TO
PREVENT NUTS TURNING

HARD OVER ANGLE 45°
PALMS TO CLEAR EACH
OTHER AS SHOWN.

DETAIL
OF
COUPLING
SCALE 3 INS. = 1 FT.

RUDDER GUDGEON

NO STOPPER ON
STERN POST.

SCALE 1 IN = 1 FT.

SECTION OF
STERN FRAME.

AFTER FACE OF BOSS

FORE AND AFTER FACES OF
BOSS ALSO BORE OF BOSS
TO BE SQUARE TO SHAFT
CENTRE LINE.

SIDES OF BOSS TO BE TAPERED
TO ⁵/₈ THICKER AT FORE END ON
BOTH SIDES.

N°	ORDS	S M	FUNCT FOR A B A	S B	ORDS	S M	FUNCT FOR C G
1	1 33	$\frac{2}{3}$	66	1 76	$\frac{2}{3}$	88	
12	3 60	$\frac{2}{3}$	7 20	12 96	$\frac{2}{3}$	25 92	
2	4 55	$\frac{1}{2}$	6 82	20 70	$\frac{1}{2}$	31 05	
3	5 45	$\frac{4}{5}$	4 21 80	29 70	4	118 80	
4	5 66	$\frac{2}{3}$	2 11 32	32 03	$\frac{2}{3}$	64 06	
5	5 45	$\frac{4}{5}$	4 21 80	29 70	4	118 80	
6	4 47	$\frac{1}{2}$	6 70	19 98	$\frac{1}{2}$	23 97	
62	3 30	$\frac{2}{3}$	6 60	10 89	$\frac{2}{3}$	21 78	
7	10	$\frac{1}{2}$	05	00	$\frac{1}{2}$	00	
			82 95			411 26	

AREA $\frac{82.95 \times 1.83}{3} = \underline{50.59} \text{ ft}^2$

$$\begin{array}{r} \text{C.G} \quad 411 \quad 26 \\ \hline 82 \quad 95 \quad -2 \end{array} \qquad \begin{array}{r} 2 \quad +8 \\ \hline \end{array}$$
$$D = 2.48 + 35 = 2.83$$
$$A \times D = 50.59 \times 2.83 = 143.16$$

PINTLES TO HAVE NOT
MORE THAN $\frac{1}{32}$ " CLEARANCE
IN BUSHES.

GUDGEONS ON STERN-FRAME
TO BE BORED TRUE AND ALIGNED
BEFORE FITTING TURNED STEEL
BUSHES.

A x D = 143.16.
PLATES 30"
RIVETS 7/8" DIA. - 5 DIAS. APART.

UPPER AND LOWER SURFACES OF
GUDGEONS TO BE SQUARE TO POST AND
DEAD LEVEL, SO THAT PINTLE NUTS WILL
BEAR TRUE ON SAME.

SECTION THRO' A. B.

OVERALL HEIGHT 21'-11"

THIS SIDE A FAIR TAPER FROM 8 TO 6

 $4' - 8\frac{5}{8}"$

VETS - $3\frac{3}{4}$ CR TO CR

RIVETS 1/4" DIA SPACED
5 DIAS. APART. CR. TO CR

LAST HOLE NOT MORE
THAN 12" FROM CENTRE
OF BOSS.

INTERMEDIATE PINTLES

BOTTOM PINTLE.

HULL
Cochrane & Sons Ltd.

Yard No. 1174

Stem Frame & Rudder.

S.S. Reighton Wyke
47562

PLAN No. 4812

FOR ENCLOSURE TO

Lloyd's Register of Shipping

Hull FROM

COCHRANE & SONS, LTD.
SHIPBUILDERS, SELBY.

DATE 2/9/36

003525-003532-0183

003525-003532-0183



© 2020

Lloyd's Register
Foundation