



STERN FRAME & RUDDER.

MATERIAL: FORGED IRON TO
LLOYDS TESTS.

N° 1206.

SCALE: 1" = 1 FOOT.
DETAILS: 3" = 1 FOOT.

PALM HARD OVER

2" DIA FITTED
BOLTS.

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

Coupling closed to Surveyors satisfaction.

SPLIT PINS FITTED
TO PREVENT NUTS
FROM TURNING

HARD OVER ANGLE 45°
STOPPER CUT TO THIS ANGLE
TO ENSURE PALMS OF COUPLING
CLEARING EACH OTHER AS SHOWN

DETAIL OF STOPPER.

RUDDER HEAD 6 1/2" DIA.

DETAIL OF TOP GUDGEON

DETAIL OF BOTTOM GUDGEON

INTERMEDIATE GUDGEONS.

AREA OF RUDDER
A = 11.33 x 4.25 = 48.15
D = 2.12 x 4.2 = 2.54
A x D = 48.15 x 2.54 = 122.3

PLATES: 32 THICK
RIVETS 7/8 DIA SPACED
5 DIA. ABOUT 1/2" TO CENTRE

5/8 LIGNUM VITAE BUSH

HARD STEEL DISC

1/2" DRAIN HOLE

KEEL RISES FROM
THIS POINT 3" IN 8'-9"

OUTLINE SECTION OF BLADE.

Speed assumed not exceeding 12 knots.

FORE AND AFTER FACES OF
BOSS TO BE SQUARE TO
SHAFT CENTRE LINE
SHAFT DROOPS FROM AFT TO FORWARD
1 IN 5+10

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

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COCHRANE & SONS LTD
SELBY.

TUG N° 1206.
STERN FRAME & RUDDER PLAN.
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Lloyd's Register
Foundation