

AREA OF RUDDER ABAFT $\frac{1}{2}$ OF PINTLES	136.02 ft
CG " " " $\frac{1}{2}$ OF PINTLES	3.68 ft
SPEED OF SHIP IN KNOTS	11.
$L \times (B + D) = 400 = (52.25 + 29)$	32500
$A \times D$ (SEE MARGIN)	500.5

M. V. No 290.
STERN FRAME & RUDDER

SCALES:-

ARRGT	$\frac{1}{2}'' = 1'$
DETAILS	$1\frac{1}{2}'' = 1'$

TO LLOYD'S TESTS

ARMS TO BE AT RIGHT ANGLES TO G/LINE OF PINTLES, BORED OUT ACCURATELY AND CAREFULLY SHUNK ON POST POST TURNED 1" LARGER IN DIAMETER THAN ACTUAL TAPERED DIAM AT TOP EDGE OF ARM.
KEYS TO BE OF MILD STEEL. TO HAVE TAPER OF $\frac{1}{8}$ " IN 10". BOTH THESE AND KEY SATS TO BE ACCURATELY MACHINED. KEYS ALL TO BE DRIVEN DOWNWARDS.
RUDDER PLATE TO BE SUPPLIED AND FITTED BY SHIPBUILDERS.
RUDDER POST TO BE SMOOTH TURNED WHERE ARMS ARE SHUNK ON.

558 PM C.R.
DUNDEE
9 10 23.

LOCKING P

DETAIL OF VERTICAL COUPLING

~~x~~ may be $\frac{1}{2}$ →

FEATHER 2x1" FITTED T
PREVENT TURNING.

SECTION

J. Montgomery 10-1

90.

R R U D

TS.

OUT ACCURATELY AND CAREFULLY SH
RED DIAM AT TOP EDGE OF ARM.
BOTH THESE AND KEY SE

0.001
2.5
5 3/4
10
15
20

LOCKING PIN.

4x3 1/2" LUGS STUDDED
TO POST

PLATE 108"

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Lloyd's Register
Foundation

290
Caledon S.B. & Co.

M.V. 290 Skin Frame

Skin Frame & Rudder

M.V. "Rally Castle"

'AMI' X.

n/v
'HISAKAWA MARU'



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