

YARD N° 865.

SCALE 1" = 1 FOOT. DETAILS:- 1/2" = 1 FOOT OR AS INDICATED.

B.5.1. NOTATION & SYMBOLS USED FOR WELDS VIZ:-  
FILLET WELDS DENOTED BY D.  
ALL SIZES OF FILLET WELDS ARE LEG LENGTHS.  
SINGLE VEE BUTT WELDS DENOTED V.  
BEVEL WELDS DENOTED Y.

RUDDER TO BE FILLED WITH BITUMASTIC  
SOLUTION AND DRAINED.

DATE SUBMITTED TO LLOYDS:-

DATE APPROVED BY LLOYDS-

24" x 48" BEARING PLATE TO SUPPORT  
24" x 14" BEAM (V-GROOVE IN MIDDLE)

24" 48" 3" 55" 2" 2" 2" 2" 1/4" DIA. BOLTS WITH PINS

[illegible]

DETAIL OF NECK BEARING  
MATERIAL:- CAST STEEL

DETAIL OF LOCKING HEAD

NUMERALS FOR RUDDER.

TOTAL AREA = 5661#

AREA OF PORTION ABAFT AXIS = 4226#

C.G. " " " " (ABAFT CG OF DWTLS) = 222'

A x D = 94.00 SPEED 12 1/4 KNOTS.

RUDDER TO SWING OVER TO 40° EACH SIDE OF E.

STERNFRAME AND RUDDER OF FABRICATED MILD STEEL  
TO LLOYDS TEST AND REQUIREMENTS.

MATERIAL TO BE OF WELDABLE QUALITY NOT CONTAINING  
MORE THAN 23% CARBON.

COUPLING FORGED SOLID  
WITH UPPER STOCK.

KEYWAY & KEY CORNER:  
TO HAVE SMALL RADII

" COOK WELTON & GEMMELL LTD  
SHIPBUILDERS.  
BEVERLEY.

DETAIL OF SIDE PLATE  
CONNECTION TO TOP &  
BOTTOM PLATES.

DETAILS AT TOP OF RUDDER  
SHENING COUPLING ETC.

SECTION IN WAY OF DIAPHRAGM PLATE.

DETAIL OF LUG.

DETAILS OF BOTTOM BEARING

SECTIONAL PLAN AT Y-Y.

SECTION "A-A".  
SCALE 2" = 1 FT.

SECTION B-B  
SCALE 2" = 1 FT

SECTION C-C.  
SCALE 2" = 1 FT.

PALM ON FR 1  
LOOKING AFT.

WEB AT FR 2  
LOOKING AF

WEB AT FR. 3  
LOOKING AT

ART SIDE OF BOSS  
LOOKING FORD.

PALM AT FR. 4  
LOOKING AFT

DETAIL SHOWING  
CONSTRUCTION OF WELD.



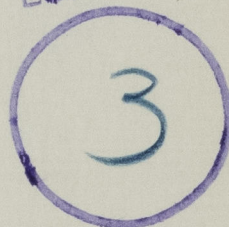
\*  
ST BARTHOLOMEW



COOK WELTON & GEMMELL  
YARD No 865

HULL J.E. REPORT No - 59392

RECORDS DEPT.  
LONDON



STERNFRAME & RUDDER

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