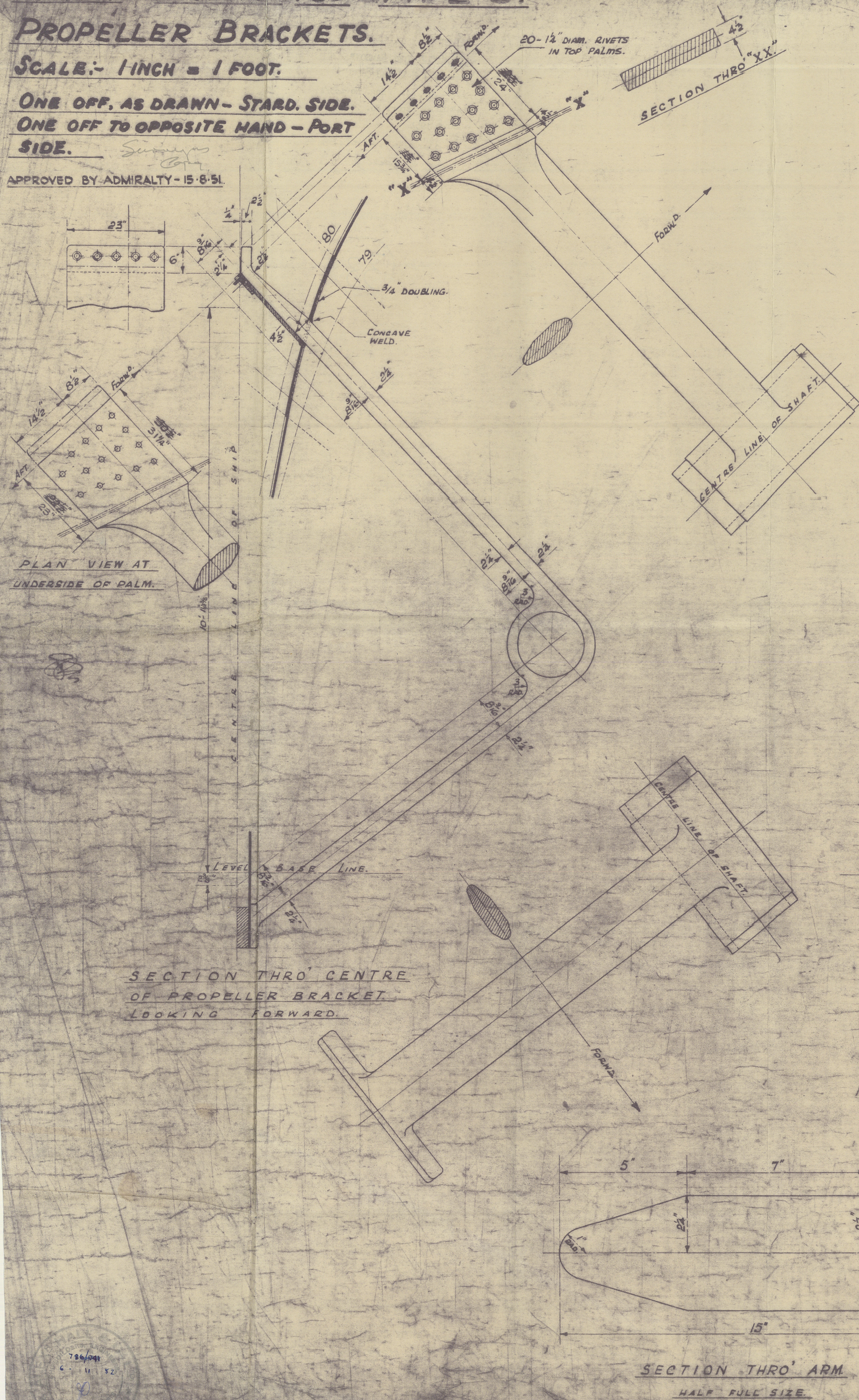


PROPELLER BRACKETS.

ONE OFF, AS DRAWN - STARD. SIDE.

ONE OFF TO OPPOSITE HAND - PORT SIDE.

APPROVED BY ADMIRALTY - 15.8.51



TO PASS LLOYDS TESTS.

3"
4 DOUBLINGS RIVETED TO SHELL PLATING & WELDED TO PROPELLER BRACKETS,
AFTER BRACKETS HAVE BEEN RIVETED IN PLACE. WELDING SHOWN THUS ~~INDICATED~~
DOUBLINGS EXTEND 9 1/2" AFT OF FRAME 80 AND 9 1/2" FORWARD OF FRAME 79.

FOR INTERNAL STIFFENING IN WAY OF PROPELLER BRACKETS SEE PLAN
No. 18. "FRAME ARRANGEMENT."

NOTES:—

DIAMETER OF PROPELLER SHAFT AS REQUIRED BY RULE = $10^{5/8}$ INCHES.
BRACKETS TO BE OF BEST FORGED INGOT STEEL DRAWN OUT FROM A
SOLID INGOT OF 28 TO 32 TONS / " TENSILE STRENGTH.

THE CENTRE LINE OF SHAFT IS RAKED IN BOTH DIRECTIONS AS SHOWN.

THE ENDS OF THE BOSS ARE AT RIGHT ANGLES TO CENTRE OF SHAFT.

THE CENTRES OF ARMS IN ELEVATION ARE AT RIGHT ANGLES TO LEVEL
BASE LINE.

FINISHED BORE :- $16\frac{19}{32}$ " DIAM. AT FORWARD END OF BOSS.
 $16\frac{1}{2}$ " DIAM. AT AFTER END OF BOSS.

HOLEBORING.

1/16" DIAM. HOLES IN TOP PALMS, SPACED AS SHOWN
COUNTERSINKING TO SUIT LLOYDS REQUIREMENTS.
PALMS TO BE LEFT BLANK.

PLAN VIEW AT BOTTOM PALM.

PLAN VIEW AT CENTRE OF SHAFT.

★ H.M.T.S. Tug "SAMSON"

Messrs A. Hall and Co.

Yard No. 741 Eng. No 453/4

ABERDEEN Report No. 23645

March 1954

*Propeller brackets
(as fitted)*

RECORDS DEPT.,
LONDON.

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