

ALL RIVET HOLES DRILLED IN PLACE
MAIN STAYS SWELLED AT ENDS BY
HYDRAULIC PRESSURE & ANNEALED



BACK END CIRC: SEAM $1\frac{5}{16}$ HOLES
166 PITCHES OF 3.54"

FRONT END CIRC.⁵ SEAM | $\frac{3}{16}$ " HOLES
184 PITCHES OF 3.19"

	SURFACES	ONE BOILER	3 BOILERS
TUBES		2,100 ft	6,300 ft
FIRBOX TOP & SIDES		158 ft	474 ft
" BACK		82 ft	246 ft
" TUBEPLATE		55 ft	165 ft
FURNACES		161 ft	483 ft
TOTAL HEATING SURFACE		2,556 ft	7,668 ft
GRATE AREA (5'-6" BARS)		63 sq ft	190 sq ft
TUBE "		11 sq ft	34 sq ft
WATER "		160 sq ft	480 sq ft
STEAM SPACE		5.14 ft	15.42 ft
GRATE AREA HEATING SURFACE		1: 40: 4	-
" " TUBE "		1: 33: 2	-
" " " AREA		5: 43: 1	-
" " WATER "		1: 2: 52	-
" " STEAM SPACE		1: 8: 1	-
% BOILER ABOVE FIRE BOX		32.2	-
WEIGHT OF WATER		26 1/2 TONS	79 1/2 TONS

SWAN HUNTER & WICHAM RICHARDSON LTD
ENGINE DEPT
NEPTUNE WORKS, WALKER-ON-TYNE
TRACING NO 7954 DATE 26/1/58

ALL SIDE STAYS SCREWED THROUGH BOTH PLATES & NUTTED AT EACH END EXCEPT STAYS FROM WING FIREBOX TO SHELL WHICH PROJECT $\frac{3}{8}$ " & ARE CAULKED.
ALL $1\frac{1}{8}$ " NUTS, $1\frac{1}{4}$ " DEEP.
ALL 2, $2\frac{1}{8}$ ", $2\frac{1}{4}$ " NUTS $1\frac{1}{2}$ " "

WORKING PRESSURE 180 LBS PER SQ. INCH
TEST 360
TO PASS LLOYDS SURVEY

STANDARD VESSELS. CLASS 'N

SCALE 1" = 1 FOOT.

N^o 1088-1089
MAIN BOILER

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S. Lloyd's Register
Foundation

Sp War Climax

STWR 10894

Boiler "Potos"

S.S. "WAR CLIMAX"
NEWCASTLE ON TYNE.

Report No. 71326



Standard - N Tye
vessels

PLANS TRANSFERRED
TO SISTER VESSEL

RETAIN

LR

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