

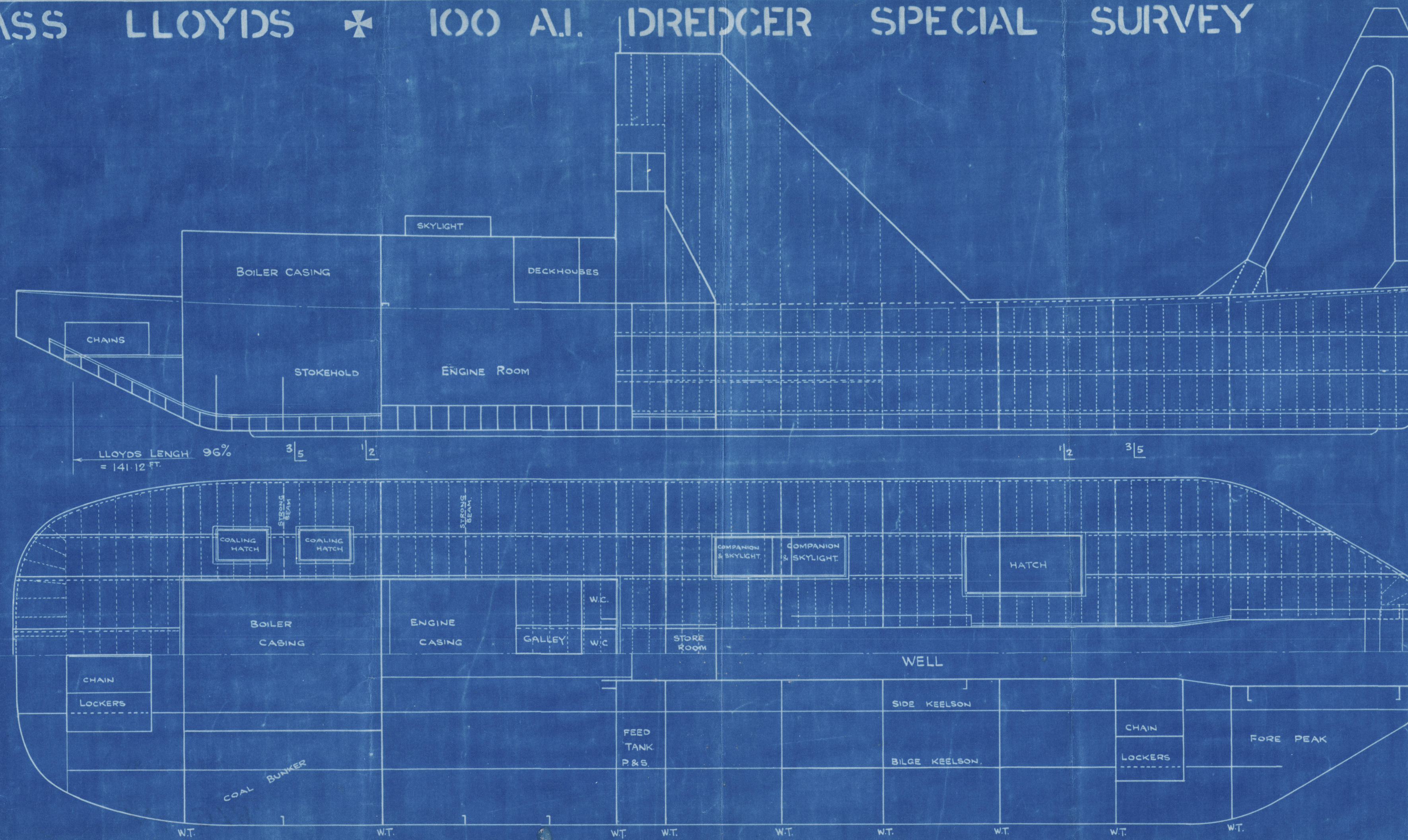
CLASS LLOYDS ✠ 100 A1. DREDGER SPECIAL SURVEY

LOBNITZ & CO LTD
ENGINEERS & SHIPBUILDERS
RENFREW.

DIMENSIONS. Ft. Ins.
LENGTH.....147-0
BREADTH MOULDED.....36-0
DEPTH.....12-6

SCANTLINGS:

FRAMES: $4\frac{1}{2} \times 3 \times 38$ SPACED 21"
INCREASED '06" IN BOILER ROOM & BUNKERS.
FLOORS: 16×36 FLD 3" ON TOP IN LIEU OF REV. FRs.
" 40" UNDER ENGINES.
" 46" UNDER BOILER BEARERS.
" 48" ELSEWHERE IN B.R. FLANGED.
REVERSE FRAMES: $3 \times 3 \times 40$ DOUBLE UNDER ENGINES.
" $3 \times 3 \times 46$ " ON BOILER BEARERS.
BEAMS: $5 \times 3 \times 41$ BA. ON EVERY FRAME.
KNEES $20 \times 15 \times 41$.
WT. BH^o PLATING: .32" BOTTOM STRAKE 45×38 .
" 35" IN TANK BOTTOM STRAKE 36×38 .
BOTTOM STRAKE BUNKERS .44".
BOILER ROOM & FORE PEAK .44".
" FRAMES: $3\frac{1}{2} \times 3\frac{1}{2} \times 44$ SINGLE.
" STIFFERS: $5 \times 3 \times 46$ BA. [SPACED 30" BRACKETED TOP & BOTTOM.
SHELL PLATING: AS INDICATED.
DECK: AS INDICATED.
KEELSONS ETC.: AS INDICATED.



PROFILE AND DECK PLANS.
SCALE $\frac{1}{8} = 1$ FOOT.

LLOYDS NUMERALS.

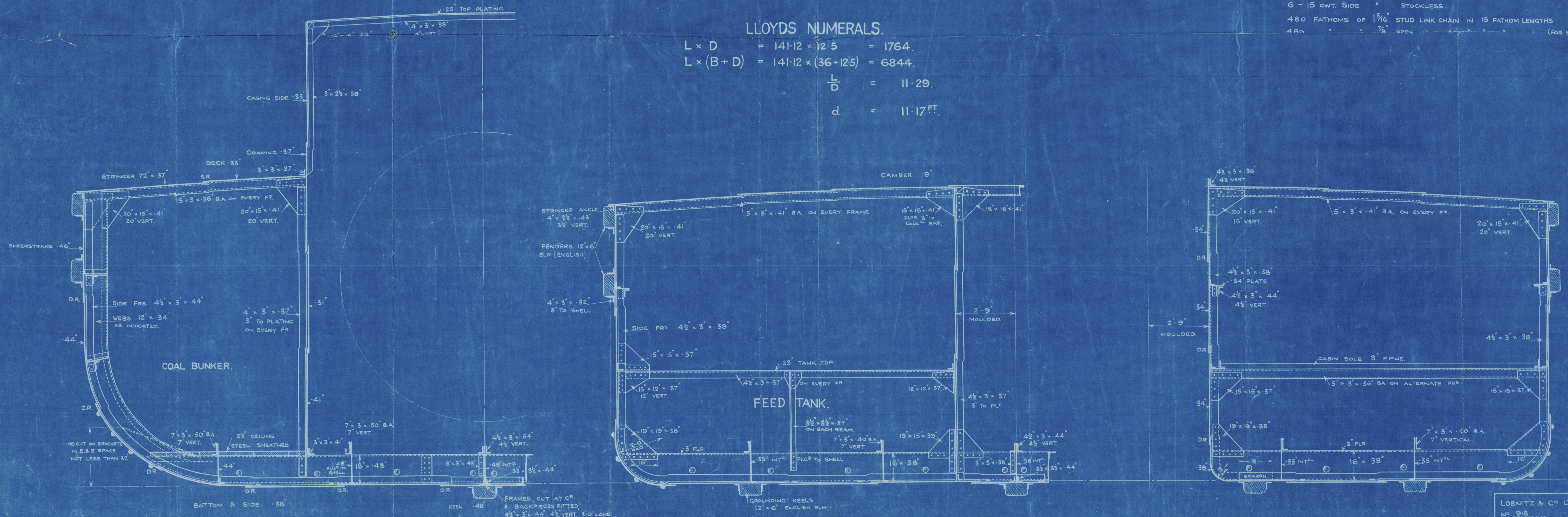
$$\begin{aligned} L \times D &= 141.12 \times 12.5 = 1764. \\ L \times (B + D) &= 141.12 \times (36 + 12.5) = 6844. \\ \frac{L}{D} &= 11.29. \\ d &= 11.17 \text{ FT.} \end{aligned}$$

RIVETING

FRAMES, REV. FRAMES, FLOORS, BEAMS & KEELSONS	DIA. OF RIVETS	SPACING C" TO C"
" " " UNDER ENGINES & BOILERS	$\frac{3}{4}$ "	$5\frac{1}{2}$ "
SHELL SEAMS KEEL	D.R.	4"
" " REMAINDER	D.R.	3"
" BUTTS KEEL	T.R.	$2\frac{5}{8}$ "
" " SHEERSTRAKE	T.R.	"
" " REMAINDER	T.R.	"
WELL SIDE SEAMS	D.R.	3"
" " BUTTS	T.R.	$2\frac{5}{8}$ "
DECK & STRINGER SEAMS	S.R.	$3\frac{1}{2}$ "
STRINGER BUTTS	D.R.	$2\frac{5}{8}$ "
DECK BUTTS	D.R.	3"
BULKHEAD SEAMS	"	$3\frac{5}{8}$ "
" BUTTS	"	"
" FRAMES TO BH ^o	"	$3\frac{5}{8}$ "
" " TO SHELL	$\frac{3}{4}$ "	$3\frac{1}{2}$ "

EQUIPMENT

2 DREDGING ANCHORS EA 30 CWTs. INCL. STOCK.
2 BOWER " EA 25 " STOCKLESS
2 SPARE " EA 25 " "
6 - 15 CWT. SIDE " STOCKLESS.
480 FATHOMS OF $1\frac{5}{16}$ " STUD LINK CHAIN IN 15 FATHOM LENGTHS
480 " " $\frac{7}{8}$ " OPEN " " " (FOR SIDE ANCHORS)



SCALE $\frac{1}{2}$ INCH = ONE FOOT

MIDSHIP SECTION NO. 918

LOBNITZ & CO LTD RENFREW.
No. 918.
Drawn by J. Park
Checked by J. Park
DATE 6 March 1926

NO. 53215

LOBNITZ & Co.

MIDSHIP SECTION.

No 918.

(AS FITTED)

Telford.

GLASGOW REPORT No. 46139



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