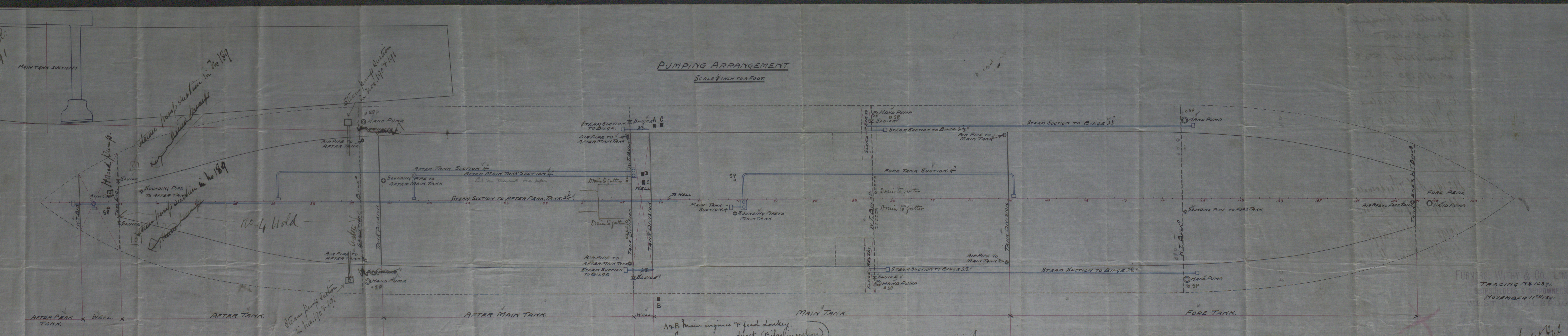


Dr. to Mr. H. 23. 11. 91

PUMPING ARRANGEMENT.
SCALE 1/4 INCH TO A FOOT



N^(S) 189 190 & 191

A & B Main engines & feed donkey.
C " " direct (Bilge injection)
D Ballast donkey direct
E Bilge pumps direct.

N^(S) 189 190 & 191
T.R. 48.

21-11-91

N^(S) 189 190 & 191

FURNESS, WITBY & CO., LIMITED.
TRADING MARK 10371.
SHIPBUILDERS & SHIPOWERS.
NOVEMBER 11th 1891.
WEST HARTLEPOOL.

West Hill
16. 11. 91.
14/11/91
HPL367-0041

Sketch of Pumping
Arrangements

Furness, Witley & Co^{rs} L^{td}

No. 189. 190. 191. S.S

No. 189. - S.S. "Headlands",
W. Wpl. Report No 8754

No. 190. - S.S. "Casting",
W. Wpl. Report No 8761

No. 191. - S.S. "Birdsmead",
W. Wpl. Report No 8863

No. 195. - S.S. "Grafhoe",
W. Wpl. Report No 8895

WPL367-0041



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