

MIDSHIP SECTION

— OF A —

COMPLETE SUPERSTRUCTURE SCREW STEAMER.

— DIMENSIONS —

LENGTH ON L.W.L. 400' 0"

BREADTH M.L.D. 55' 0"

DEPTH M.L.D. 28' 7 1/2"

CLASS 100 A 1 — WITH NOTATION FOR ICE STRENGTHENING.

SCALE 1/2" = 1 FOOT.

Lloyds Numerals.

Depth 36' 7 1/2"

Length 400 on L.W.L.

1st Longitudinal No 14700-0

Breadth 55' 00"

Depth 36' 7 1/2"

Length 400

2nd Longitudinal No 36700-0

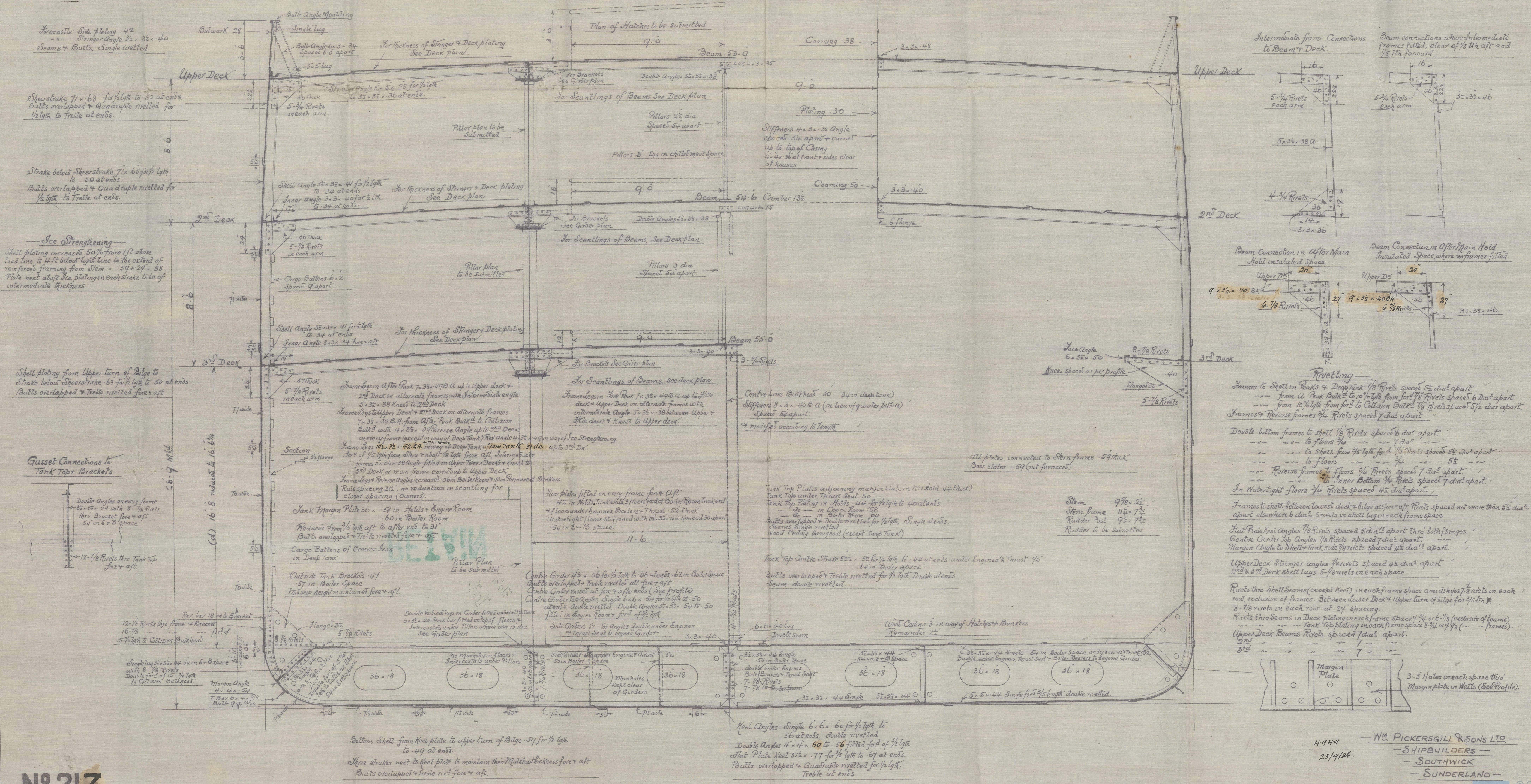
Depth to Length 10.73 Upper Deck

— Do — 13.91 2nd Deck

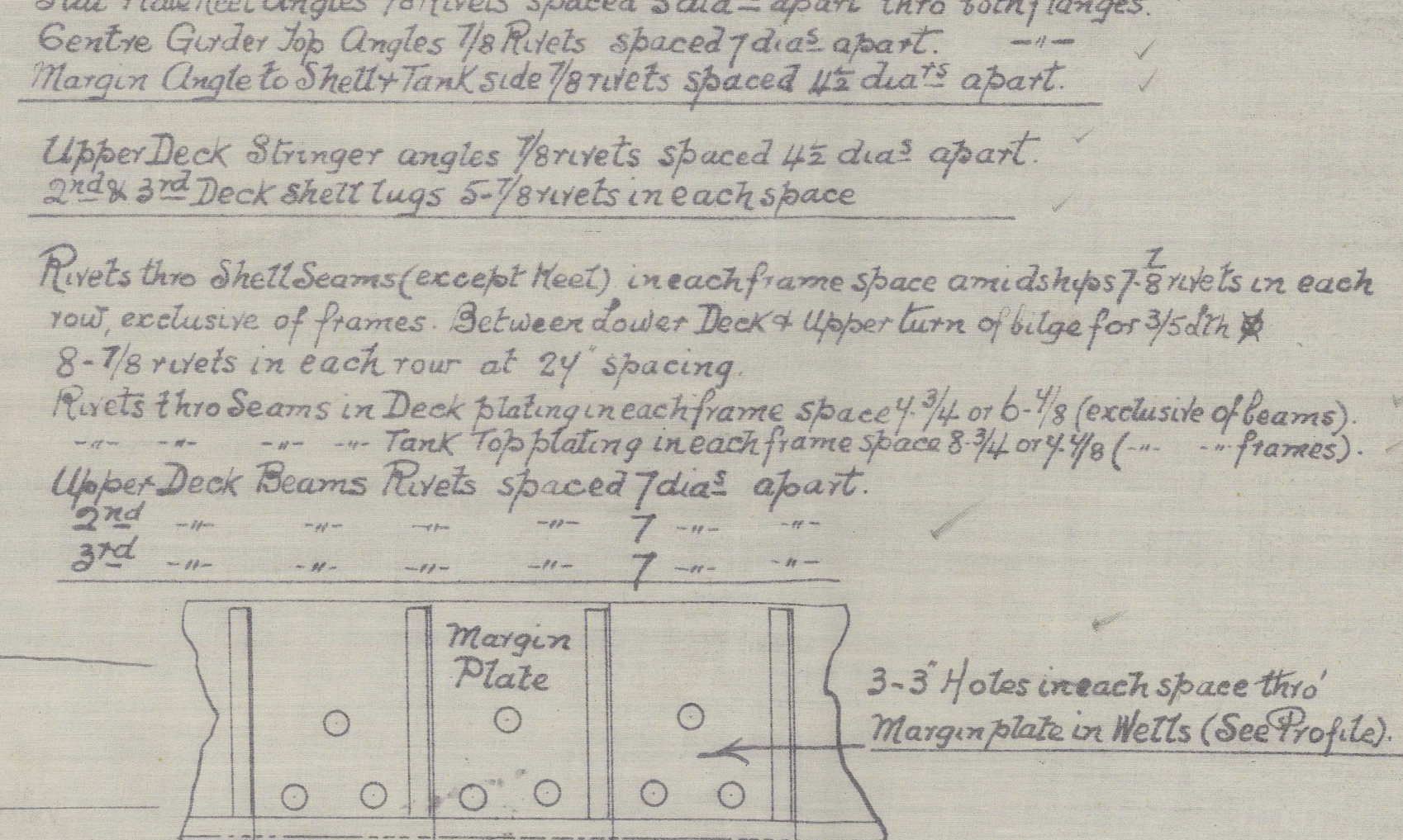
— Anchors & Cables —

Equipment No 37600

1st Bower Stockless 63 3/4 Cuts
2nd — — — 63 3/4 —
3rd — — — 54 1/2 —
4th — — — 17 1/2 —
5th — — — — —
270 lbs Stud Chain Cable 2 1/4
90 lbs Steam Chain 1 1/4 or 4 3/4 Steel Wire
Hawsers & Wires
120 lbs Towline 14 Hemp or 5" Steel Wire
2-90 — Hawsers 8 — — 2 3/4 —
2-90 — Warp 7 — — 2 1/2 —



Riveting
Frames to Shell in Peaks & Deep Tank 7/8 Rivets spaced 5 1/2 dia apart.
— from A Peak Bulkhead to 10 ft from fore 7/8 Rivets spaced 6 dia apart.
— from 10 ft from fore to Collision Bulkhead 7/8 Rivets spaced 5 1/2 dia apart.
Frames & Reverse frames 7/8 Rivets spaced 7 dia apart.
Double bottom frames to Shell 7/8 Rivets spaced 6 dia apart.
— to floors 7/8 Rivets spaced 7 dia apart.
— to Shell from 7 1/2 ft from fore 7/8 Rivets spaced 5 1/2 dia apart.
— to floors 7/8 Rivets spaced 7 dia apart.
Reverse frames to floors 7/8 Rivets spaced 7 dia apart.
In Watertight floors 7/8 Rivets spaced 4 1/2 dia apart.
Frames to shell between lowest deck & bulge above aft Rivets spaced not more than 5 1/2 dia apart, elsewhere 6 dia 5 rivets in shell lug in each frame space.
Flat Panel Keel Angles 7/8 Rivets spaced 5 dia apart thro both flanges.
Centre Girder Top Angles 7/8 Rivets spaced 7 dia apart.
Margin Angle to Shell Tank side 7/8 Rivets spaced 1 1/2 dia apart.
Upper Deck Stringer angles 7/8 Rivets spaced 4 1/2 dia apart.
2nd & 3rd Deck shell lugs 5/8 Rivets in each space.
Rivets thro shell seams (except keel) in each frame space amidships 7/8 Rivets in each row, exclusive of frames. Between lower Deck & Upper turn of bulge for 3/4 dia & 8-7/8 rivets in each row at 24" spacing.
Rivets thro Seams in Deck plating in each frame space 9/16 or 6/8 (exclusive of frame).
Tank Top plating in each frame space 8/16 or 4/8 (— frames).
Upper Deck Beams Rivets spaced 7 dia apart.
2nd — — — — —
3rd — — — — —



SUNDERLAND

W^m PICKERSGILL & SONS LTD

N^o 214

MIDSHIP SECTION

S.S. "CAIRNGLEN" Box
(as built)

SUNDERLAND RPT. NO. 29313.

Sister vessel to "CAIRNESK"

RETAIN



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Lloyd's Register
Foundation

W1143-0130