Nº 534.

ICE STRENGTHENING.

SCALE 1/2" = 1 FOOT

SECTION AT FRAME 140
LOOKING AFT.

SECTION AT FRAME 150
LOOKING AFT

SECTION AT FRAME 159½
LOOKING AFT.

SECTION AT FRAME 168
LOOKING AFT

SECTION AT FRAME 165
LOOKING AFT.

SECTION AT FRAME 167½
LOOKING AFT

SECTION AT FRAME 170
LOOKING AFT

WELDING NOTE.

THE REQUIREMENTS OF THE RULES FOR THE APPLICATION OF ELECTRIC WELDING IS TO BE COMPLIED WITH. ALL BUTTSTRAPS TO BE WELDED HOME TO IN CLOSE & FREE FROM DUST & PAINT. WHERE BUTTSTRAPS RUNS OR WELDING HAS EMPLOYED THE BUTTSTRAPS OF EACH LAYER IS TO BE THOROUGHLY CLEANED & FREE FROM SLAG BEFORE THE APPLICATION OF THE NEXT. NO PAR AS PRACTICABLE WELDING IS TO BE DONE UNDER COVER & IS NOT TO BE PROCEEDED WITH IN EXPOSED CONDITIONS DURING WET OR FOGGY WEATHER.

PLATE EDGES IN WAY OF BUTT WELDS TO BE BEVELLED

BACKING

RIVETING NOTE

	DIAMETER	PITCH	HEIGHT OF HEAD
16½" TIE STRAPS	⅞"	2½"	⅝"
DO STRAPS 11½" AT ENDS OF SHIP	⅞"	4"	⅝"
TO LAPS 0"	⅞"	3½"	⅝"
TO LAPS 7'-6"	⅞"	2½"	⅝"

PLAN VIEW OF UPPER STRINGER

PLAN VIEW OF LOWER STRINGER

PLAN VIEW AT WT. FLAT

PLAN VIEW AT UPPER STRINGER

PLAN VIEW AT MIDDLE STRINGER

PLAN VIEW OF STRINGER

ELEVATION

ARRANGEMENT OF SHELL BUTT IN WAY OF 27" FRAME SPACING.

ARRANGEMENT OF SHELL BUTT IN WAY OF 24" FRAME SPACING.

HATCHING DENOTES WHERE SHELL PLATING IS INCREASED IN THICKNESS.

MIDSHIP SHELL THICKNESSES	
STRAKE	⅛ INCHES
A	40
B	30
C	25
D	25
E	25
F	25
G	30
H	35
J	40

J IN
H OUT
G IN
F OUT
E IN
D OUT
C IN
B OUT
A IN
KEEL

ELEVATION OF SIDE FRAMING

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Ice Stiffening

J. Readhead & Sons

No. 531.

11.9.42

KELMSCOTT

Ice Stiffening
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