

S. S. "MICHAEL E."

MIDSHIP SECTION

SCALE: 1/2" = 1 FOOT



Dimensions: Length between perpendiculars 43' 0", normal breadth 27' 0", depth moulded 30' 0" to upper deck.
Mainway breadth moulded 24' 0", depth moulded 24' 0" to second deck.
To classed Lloyd's Register with a freeboard corresponding to a draught not exceeding that contemplated by the rules for a complete superstructure vessel having a "hull" opening with a special notation.
Longitudinal framing at bottom and deck.

Sherrwood Combination System Arcform (Patent)

EQUIPMENT NUMBERS

L.D. 1 42' 0" 30' 0" 1000
L.D. 2 42' 0" 30' 0" 1000
L.D. 3 42' 0" 30' 0" 1000

EQUIPMENT NUMBERS

L.D. 100 42' 0" 30' 0" 1000
L.D. 101 42' 0" 30' 0" 1000
L.D. 102 42' 0" 30' 0" 1000

EQUIPMENT NUMBERS

L.D. 103 42' 0" 30' 0" 1000
L.D. 104 42' 0" 30' 0" 1000
L.D. 105 42' 0" 30' 0" 1000

OWNERS EXTRAS INCLUDED IN SCANTLINGS SHOWN ON PLAN.

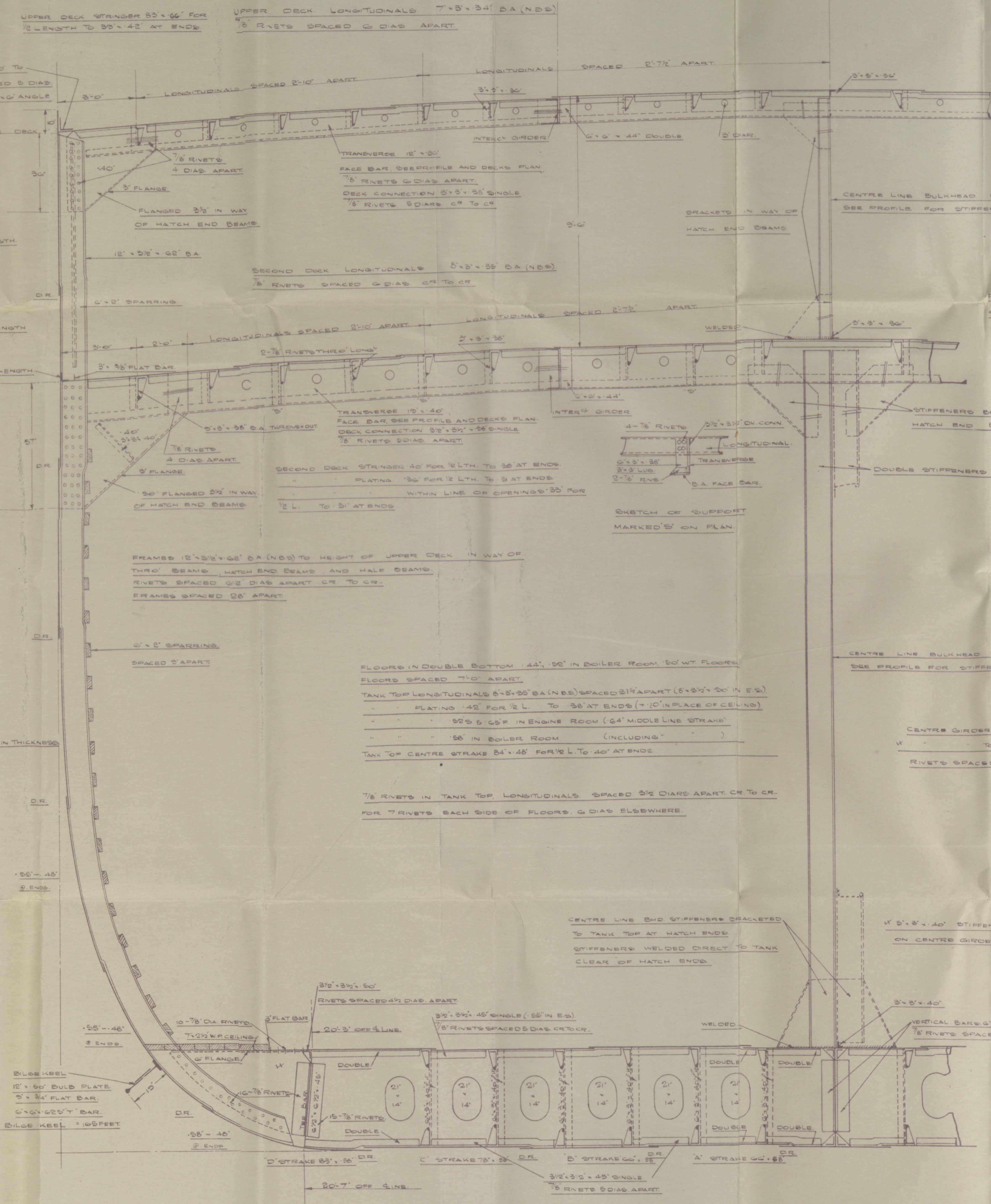
PLATE UNDER ENGINE DECKPLATE 1/4" THICK
TANK TOP ON PORT SIDE OF BURN IN ENGINE ROOM INCREASED 1/2" IN THICKNESS ABOVE LLOYD'S REGISTER REQUIREMENTS
TANK TOP LONGITUDINALS REINFORCED WITH STEEL PLATE, TOP ANGLE ON BURNERS UNDER MAIN ENGINE TO BE INCREASED 2 1/2" IN THICKNESS
ALL FRAMES, BEAMS, STIFFENERS, AND BRACKET PLATES IN BURNER SAFETY PLATE TO BE INCREASED 1/2" IN THICKNESS ABOVE
THE REQUIREMENTS OF LLOYD'S REGISTER
UPPER DECK PLATING TO BE INCREASED 1/2" IN THICKNESS SHOWN ON MIDSHIP SECTION LINE PROFILE & DECK PLAN
SHELL PLATING IN WAY OF BURNER PLATE TO NOT BE LESS THAN 3/8" THICK
KEEL SHEAR PLATE IN WAY OF BURNER PLATE TO BE 1/2" ABOVE LLOYD'S REQUIREMENTS
STIFFENER ANGLE NOT CUT TO TURN SURFACE

MAINWAY THICKNESS INCREASED
IN PAINTING AREA

INTERMEDIATE FRAME.

UPPER DECK PLATING APPROX. 1/2" THICK
1/4" FOR 1/2" LENGTH TO 3/4" AT ENDS
SEE PROFILE FOR DIMENSIONS INCREASED

UPPER DECK PLATING WITH LINE OF OPENING
3/4" FOR 1/2" LENGTH TO 3/4" AT ENDS
SEE PROFILE FOR DIMENSIONS INCREASED



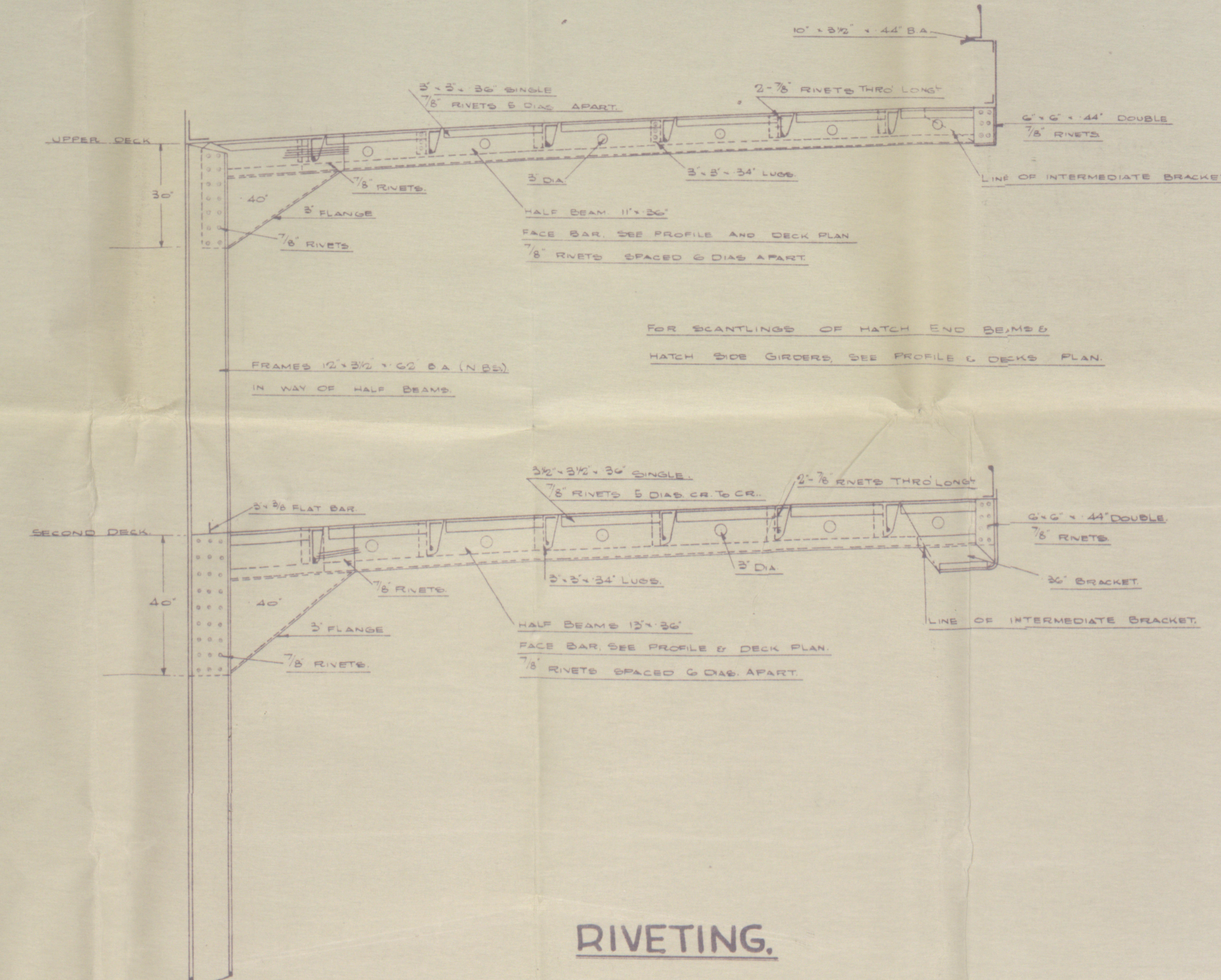
MARGIN PLATE 1/2" - 1/4" IN BURNER ROOM
MARGIN ANGLE 1/2" - 1/4" 1/2" RIVETS 4/8" DIA OR TO CR

BOTTOM LONGITUDINALS 1/2" - 1/4" 1/2" RIVETS 4/8" DIA OR TO CR
1/2" RIVETS IN BOTTOM LONGITUDINALS SPACED 30" DIA OR TO CR
RIVETS EACH SIDE OF FLOORS 30" DIA OR TO CR, ELSEWHERE

BOTTOM SHELL 1/2" FOR 1/2" L. TO 1/4" AT ENDS
3/4" AT ENDS IN WAY OF TRANSVERSE FRAMING

NOTE: PLATES AND ANGLES IN BURNER SPACE MARKED IF NOT COVERED BY CHART INCREASED 1/2" IN THICKNESS

SECTION IN WAY OF CARGO HATCH.



RIVETING.

BUTTS OF KEEL PLATE - QUADRUPLE RIVETED OVERLAP FOR 1/2" LENGTH TO THIRDS RIVETED AT ENDS
BUTTS OF BOTTOM SHELL - THIRDS RIVETED OVERLAP THROUGHOUT BUTTS OF BURNER SHELL - THIRDS RIVETED OVERLAP THROUGHOUT
BUTTS OF BURNER SHELL - THIRDS RIVETED OVERLAP FOR 1/2" LENGTH TO THIRDS RIVETED OVERLAP AT ENDS
BUTTS OF SHEATHING - QUADRUPLE RIVETED OVERLAP FOR 1/2" LENGTH TO THIRDS RIVETED OVERLAP AT ENDS
BUTTS OF UPPER DECK STIFFENERS - THIRDS RIVETED OVERLAP FOR 1/2" LENGTH TO THIRDS RIVETED OVERLAP AT ENDS WHERE
THICKNESS EXCEEDS 1/2", DOUBLE RIVETED OVERLAP WHERE THICKNESS DOES NOT EXCEED 1/2"
BUTTS OF UPPER DECK PLATING - DOUBLE RIVETED OVERLAP FOR 1/2" LENGTH TO ENDS RIVETED AT ENDS WHERE THICKNESS DOES NOT EXCEED 1/2", DOUBLE ABOVE 1/2"
BUTTS OF SECOND DECK PLATING - DOUBLE RIVETED OVERLAP FOR 1/2" LENGTH TO ENDS RIVETED OVERLAP AT ENDS
BUTTS OF CENTRE SHEER - THIRDS RIVETED OVERLAP THROUGHOUT
BUTTS OF MAINWAY PLATE - THIRDS RIVETED OVERLAP THROUGHOUT
BUTTS OF TANK TOP CENTRE STIFFENER - THIRDS RIVETED OVERLAP FOR 1/2" LENGTH TO ENDS RIVETED OVERLAP AT ENDS
BUTTS OF TANK TOP PLATING - DOUBLE RIVETED OVERLAP FOR 1/2" LENGTH TO ENDS RIVETED OVERLAP AT ENDS
1/2" - 1/4" RIVETS IN BUTTS OF UPPER DECK LONGITUDINALS
1/2" - 1/4" RIVETS IN BUTTS OF BOTTOM & TANK TOP LONGITUDINALS
1/2" - 1/4" RIVETS IN BUTTS OF DECK LONGITUDINALS (UPPER DECK)
1/2" - 1/4" RIVETS IN BUTTS OF BOTTOM & TANK TOP LONGITUDINALS
1/2" - 1/4" RIVETS IN BUTTS OF SECOND DECK LONGITUDINALS WHERE 1/2" DIA

W^m Hamilton & C^d.

N^o 446.

MICHAEL. E.

Midship Section
as Built.

Grk. Ist E. Ref. N^o 21415

W195-0212



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Lloyd's Register
Foundation