

EST. 5854. MIDSHIP SECTION

ALL SECTIONS TO NEW BRITISH STANDARDS
AND TO RESTRICTED ROLLING PROGRAMME

PRINCIPAL DIMENSIONS

LENGTH B.P.	416'-0"
BREADTH EXTR.	57'-2"
BREADTH MLD.	56'-10 1/2"
DEPTH MLD. UPPER DK.	37'-4"
DEPTH MLD. 2ND DK.	28'-7"
DEPTH TO LENGTH-UPPER DK.	11'-14"

CLASS:- 100 A.1. LLOYDS WITH FREEBOARD CORRESPONDING TO A DRAFT
18" MORE THAN THAT OF A C.S.S. VESSEL.

SCALE: 1/2" = 1 FOOT

EQUIPMENT NUMERAL	
L (B+D)	39189
MIDSHIP DECKHOUSE 30.25 x 7.5 x .50	113
CASINGS 20.5 x 7.5 x .50	77
59.75 x 10.5 x .50	314
AFTER DECKHOUSE 28 x 7.5 x .50	105
	39758

UPPER DECK STRINGER 6 1/2" x .64" TO 39" x .40"
DOUBLE RIVETED END LAPS TO DOUBLE WELDS UNDER .42"
STRINGER ANGLE 6" x 6" x 5/8" TO 3 1/2" x 3 1/2" x 7/16"
BUTTS VEE BUTT WELDED WITH BACK RUN.

BACK RUN

DECKHOUSE SIDE

UPPER DK PLATING .65" TO .36"
TACKLE RIVETED END LAPS FOR 1/2 L. TO
SINGLE AT ENDS WHERE NOT EXCEEDING .42"
BUTTS VEE BUTT WELDED WITH BACK RUN.

BACK RUN

UPPER DECK PLATING BETWEEN OPENINGS .40" TO .36"
DOUBLE RIVETED END LAPS FOR 1/2 L.
SINGLE RIVETED END LAPS AT ENDS
BUTTS VEE BUTT WELDED WITH BACK RUN.

3-7/8" RIVETS WHERE NOT
ATTACHED TO RUNNER

14" CAMBER

RUNNER 6" x 3 1/2" x 1/2" ANGLE
BEAM LUGS 6" x 6"

SINGLE ANGLE PILLARS REELED
TWO FRAME SPACES APART AS
PER "PROFILE"
DOUBLE AT HATCH ENDS WITH
BRACKETS AT TOP & BOTTOM

PILLARS WELDED TO DECK

6" CAMBER

STERN FRAME AS PER DETAIL PLAN
STEM BAR 10" x 1 1/2" TO L.W.L.
PLATE STEM ABOVE L.W.L.
RUDDER AS PER DETAIL PLAN.

STEEL C2 L BULKHEAD .36"
STIFFENERS TWO FRAME SPACES APART
DOUBLE AT HATCH ENDS AS PER "PROFILE"
BRACKETS AT TOP & BOTTOM AT HATCH ENDS
CONNS. TO 2ND DECK 3" x 3" x 3/8"
CONNS. TO TANK TOP 3 1/2" x 3 1/2" x 3/8", DOUBLE AT HATCH ENDS.

FLOORS, ON EVERY FRAME, .36" IN HOLDS WITH STIFFS, AS SHOWN .49 B.S. WITH STIFFS.
W.T. FLOORS .49" (INCL. B.S.) WITH STIFFS. 6" x 3 1/2" x 3/8" SPACED 30"
TANK TOP CR. STRAKE 59 1/2" x .50" TO .44" .58" B.S. .50" E.S.
TACKLE RIVETED END LAPS FOR 1/2 L. TO DOUBLE AT ENDS VEE BUTT WELDED.
TANK TOP PLATING .44" TO .40" .58" B.S. .50" E.S.
DOUBLE RIVETED END LAPS FOR 1/2 L. TO SINGLE AT ENDS VEE BUTT WELDED.
FRAMES IN TANK 3 1/2" x 3 1/2" x 3/8" B.S. 6" x 6" x 1/2" UNDER ENGINES
3 1/2" x 3 1/2" DOUBLE UNDER THRUST BLOCK, 6" x 6" x 5/8" UNDER BOILER BEARERS
BOTTOM FRAMES FROM 1/2 L. FORD TO COLLISION BULKHEAD 6" x 6" x 1/2" WITH RIVETS
TO SHELL 5 1/2" DIAS. APART, 6 DIAS. IN VERT. PLANGE (APPROX. - SEE SKETCH BELOW)
GIRDERS, ONE EACH SIDE OF 6" x 3 1/2" x 7/16" B.S. CONTINUOUS TOP & BOTTOM BARS.
AND 6" x 3 1/2" x 7/16" B.S. VERTICAL AT EACH FLOOR WITH 3-3/4" RIVS. TOP & BOTTOM.
INTERCOSTAL PLATE GIRDERS WHERE SHOWN - ON "DECK PLANS" - .36" PLATE
IN HOLDS .42" E.S. .52" B.S. WITH VERTICALS 3" x 3 3/8" x 3/8" x 3 1/2" x 7/16" B.S., BOTTOM
CONNECTIONS 3 1/2" x 3 1/2" x 7/16" TOP CONNECTIONS 3 1/2" x 3 1/2" x 3/8" 6" x 6" x 1/2"
UNDER ENGINES & THRUST AND 4" x 4" x 1/2" B.S.
ADDITIONAL GIRDERS UNDER ENGINES & FORD 1/2 L. AS PER SEC 11

SEE "SCHEDULE OF WELDING"
DAVE S. & R. C. HULL 531

SHEER STRAKE 72" x 70" WITH
TWEEN DECK FRAMES ON EVERY FRAME
TO .45" AT ENDS
QUAD. RIVETED END LAPS
TREBLE AT ENDS.

STRAKE BELOW SHEER STRAKE
78" x .61" TO .45" AT ENDS
TREBLE RIVETED END LAPS.

GUNWALE PLATE
WELD
3/4" TO MLD. LINE
1/8" OVERLAP

SIDE SHELL .61" WITH 30" SPACING
TO .45" AT ENDS
TREBLE RIVETED END LAPS

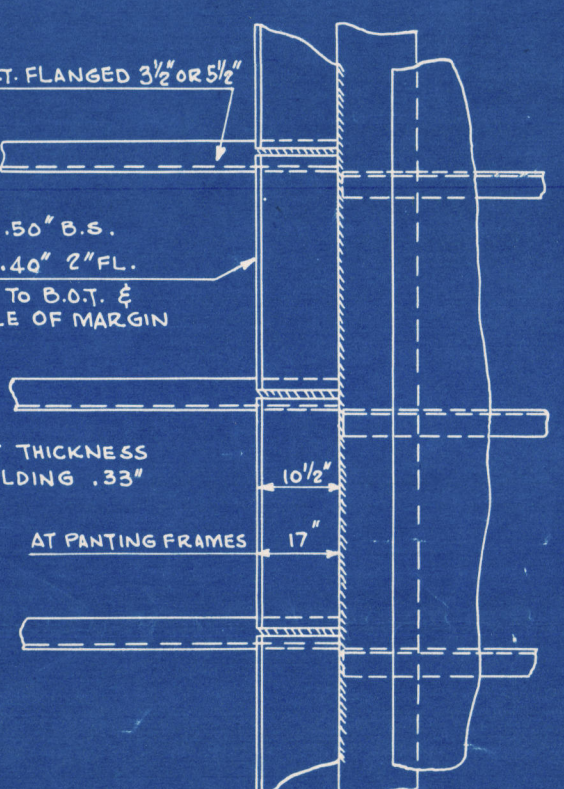
SIDE SHELL 25% ABOVE END THICKNESS
=.50" IN WAY OF PANTING IN LIEU OF
STRINGERS FOR A DISTANCE AFT OF RULE
POSITION OF COLLISION BULKHEAD EQUAL
TO 10% L. OF VESSEL.

SIDE SHELL 25% ABOVE END THICKNESS
=.50" IN WAY OF FORE PEAK TANK IN LIEU OF
STRINGER CONNECTIONS TO SHELL.

BOSS PLATING .70"

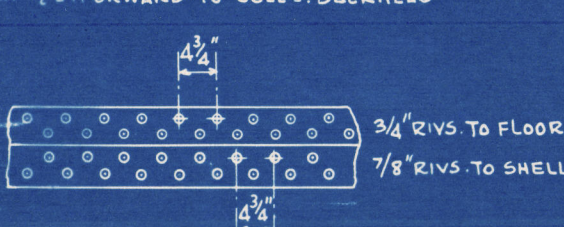
OUTER PLATE INCREASED 25% ABOVE RULE

SKETCH OF TANK GUSSETS



BILGE KEEL
10" x 1 1/2" PLATE WELDED TO SHELL

RIVETING OF 6" x 6" BOTTOM FRAMES
FROM 1/2 L. FORWARD TO COLL. BULKHEAD

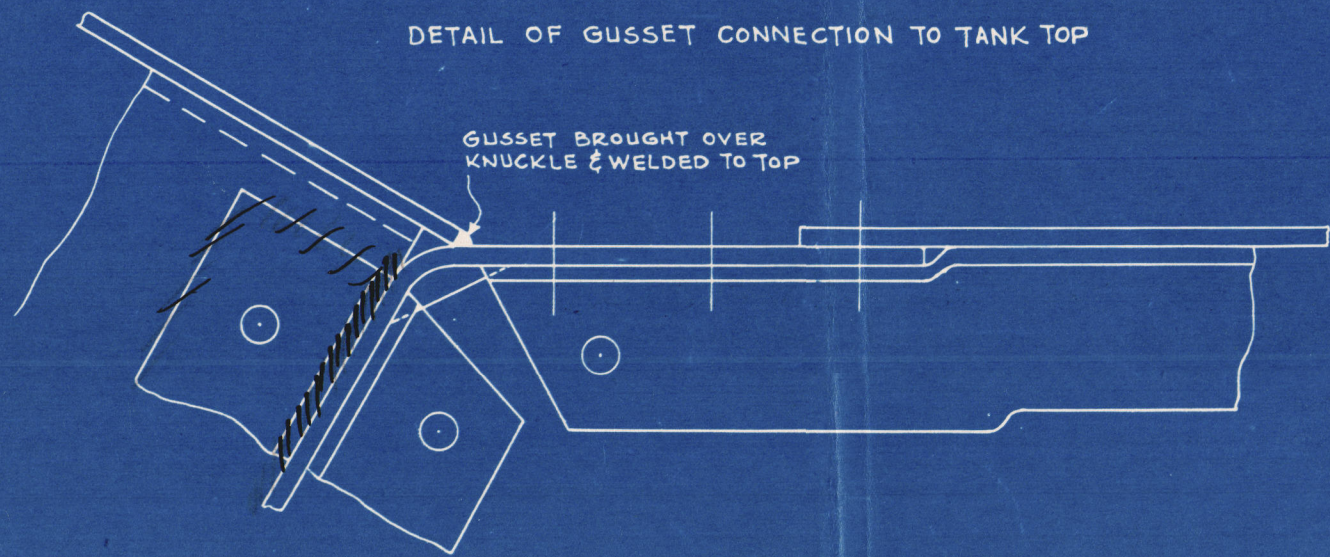


NOTE: BILGE FRAME AND BOTTOM FRAME TO BE
ORDERED AND TURNED ETC. IN ONE LENGTH.

BOTTOM SHELL .61" WITH 30" SPACING TO .50" AT ENDS.
QUAD RIVETED END LAPS. RIVETS IN BOTTOM FRAMES TO SHELL & FLOORS SPACED 7 DIAS.

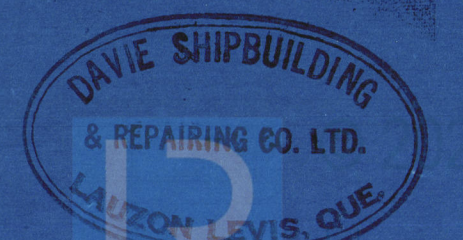
THREE STRAKES OF SHELL NEXT TO KEEL TO BE 10% ABOVE III THICKNESS = .67" (.68" IN WAY 27" SPACING) FROM 1/2 L. FORD TO COLLISION BHD.

DETAIL OF GUSSET CONNECTION TO TANK TOP



KEEL 52" x 78" FOR 3/4 L. TO .61" AT ENDS
QUADRUPE RIVETED END LAPS FOR 1/2 L.
TREBLE RIVETED END LAPS AT ENDS WHERE .76" AND UNDER
1" RIVETS IN END LAPS ABOVE .72" 7/8" AT ENDS
7/8" RIVETS IN SEAMS & FRAMES.

S.S. "FORT TADOUSSAC"
DAVE S. & R. C. HULL 531



CORRECTED TO LLOYDS REGMT. OF 21st Nov. 1940.

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Montreal Report No. 5644
S.S. "FORT TADOUSSAC"
Midship Section.



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