SHIP No 481. RIVER & ESTUARY TANKER.

STRUCTURAL SECTIONS.

SCALE :- ½" = 1 FOOT.

LENGTH O.A. 171'-6"
LENGTH B.P. 162'-0"
BREADTH MLD. 33'-0"
DEPTH MLD. 10'-6"
LOAD DRAUGHT 9'-3"

TO CLASS LLOYDS :- A1 ✠ OIL TANKER R.P. ABOVE 150°F.
FOR SERVICE ON THE RIVER THAMES & TO COLCHESTER.

WELDING LIST.

ITEM	TYPE	LOC.	"D"
Centre Girder to keel & Tank Top (Inside H.T.B.D.T.)	Cont. fillet each side	¼"	
" " " " " " (" Non " ")	" " "	"	
Floors to Shell from ℄ ℄	" " "	"	
" " " Elsewhere.	" " "	"	
" To Tank Top.	" " "	"	
" To Centre Girder	" " "	"	
" " Engine Girders.	" " "	⅜"	
W.T. & D.T. Floors To Shell, Tank Top.	" " "	⅝	
Side Girders To Shell	" " "	½"	
" " To Tank Top.	" " "	"	
Tank Top To Shell	" " "	"	
Seams & Butts of Tank Top & Margin.	Machine weld (Single V with Back Run)		
Centre Girder Butts.	Single V with back run.		
Longitudinals To Tank Top.	Double fillet. 6" Scallops	½"	18 Spaces
Stringer Bar To Shell & Decks (Rough Fabrication)	Continuous fillet weld.	½	
Frames to Shell (Severe in A.Peak & Engine Room)	Cont. fillet weld & toe.	⅝"	
Longitudinals to Shell	" " " " " (6" Gallop)	½"	All Frames
Seams of Bottom & Side Shell. Shell Butts.	Machine weld (Single V with Back Run)		
Centre to Bottom Shell.	Cont. fillet each side	½"	
Seams & Butts of Decks.	Welding weld (Single V with Back Run)		
Longitudinals to Deck.	Double fillet. 6" Scallops	½"	18" min.
Transverses to Deck.	Cont. fillet each side	½"	
Stringer Bar to Deck at Ends	Cont. fillet heel & toe	⅝"	
Seams & Butts of W.T. & D.T. Bulkheads.	Welding weld.	½"	
Bedded Boundary to Shell.	Cont. fillet each side.	⅜"	

RIVETING LIST.

ITEM	Dia.	Spcg. of Rows
Frames to Shell in Bilge Round.	⅝"	7
" " " " Aft Peak	"	5½
Stringer Bar to Shell. (Fwd & Aft).	"	4½
Bs. Rail to Bulwark.	½"	7

ALL SCANTLINGS SPECIFIED BY OWNERS.

Equipment. (Supplied by Owners).
2 - 2½ Cwt. Stockless Bower Anchors
165 fm Patent Lowstos 1⅛" Stud Link Cable.
Bollard Fastenings 2½" Cast Steel Towline
2 - 9½ Patent Lowstos 9" Cast Bronze Mooring Rope
2 - 5½ Manilla Mooring Lines.

SECTION THRO' ENGINE ROOM.
LOOKING AFT.

MIDSHIP SECTION
SHOWING SOLID FLOOR EVERY 4TH. FRAME.

SECTION THRO' FORD. STORE & BALLAST TANK.
LOOKING FORWARD.

ENGINE GIRDERS.
1-0" off ℄ P.&S.

SIDE GIRDER.
2-0" off ℄ P.&S.

MIDSHIP SECTION
SHOWING OPEN FLOOR.

INBOARD LONGITUDINAL.
2'-0" off ℄ P.&S.

TYPICAL LONGITUDINAL.

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