

# G.M.V. "ARAMOANA". MIDSHIP SECTION.

SCALE :-  $\frac{1}{4}$ " = ONE FOOT

CLASSIFICATION + 100 A1  
TRAIN FERRY FOR NEW ZEALAND SERVICE.



## DIMENSIONS

LENGTH W.L.	355'-0"
LENGTH B.P.	341'-0"
BREADTH MLD.	53'-0"
DEPTH TO VEHICLE DECK	21'-0"
" " UPPER DECK	36'-0"
DRAFT MLD.	15'-6" ALL SEASONS
TUMBLEHOME	12 IN 31'-9"
CAMBER (UPPER DK. & ABOVE)	6"
SHEER UPPER DK. FORD	6'-0"
" " AFT	2'-0"
NO SHEER OR CAMBER ON VEHICLE DECK	

FRAME SPACING 24"

## EQUIPMENT

HULL	341'-0" (59+15.83) = 255.17
	85 x 341' (36-15.83) = 5846
ERECTION UPPER DK.	85 x 182 x 8 = 1238
PROM DK.	85 x 124 x 8 = 843
UPPER DK.	75 x 88 x 8 = 528
PROM DK.	75 x 114 x 8 = 684
BOAT DK.	75 x 170 x 8 = 1020
TOTAL	35676

## EQUIPMENT LETTER Z

3 - 61 1/2 CWT. STOCKLESS BOWER ANCHORS.  
270 FMS. 1 1/8" DIA. SPECIAL STEEL CABLE (FLORYT).  
110 FMS. OF 4 1/2" 6/24 GALV. FLEXIBLE STEEL WIRE TOW LINE  
4 IN N° HAWSERS & WARPS EACH OF 100 FMS, 7" MANILLA 4 STRAND.

## WELDING & RIVETING

ALL WELDED EXCEPT :-  
SEAM AT UPPER TURN OF BILGE  
STRINGER ANGLES  
BILGE KEEL (BULB FLAT)  
TWEEN DK WEB FRAMES TO SHELL  
SUPERSTRUCTURE FRAMES  
MOST CASINGS (AS REQUIRED)  
PORTABLE DK. PANEL IN WAY OF  
MACHINERY SPACE

## SHELL

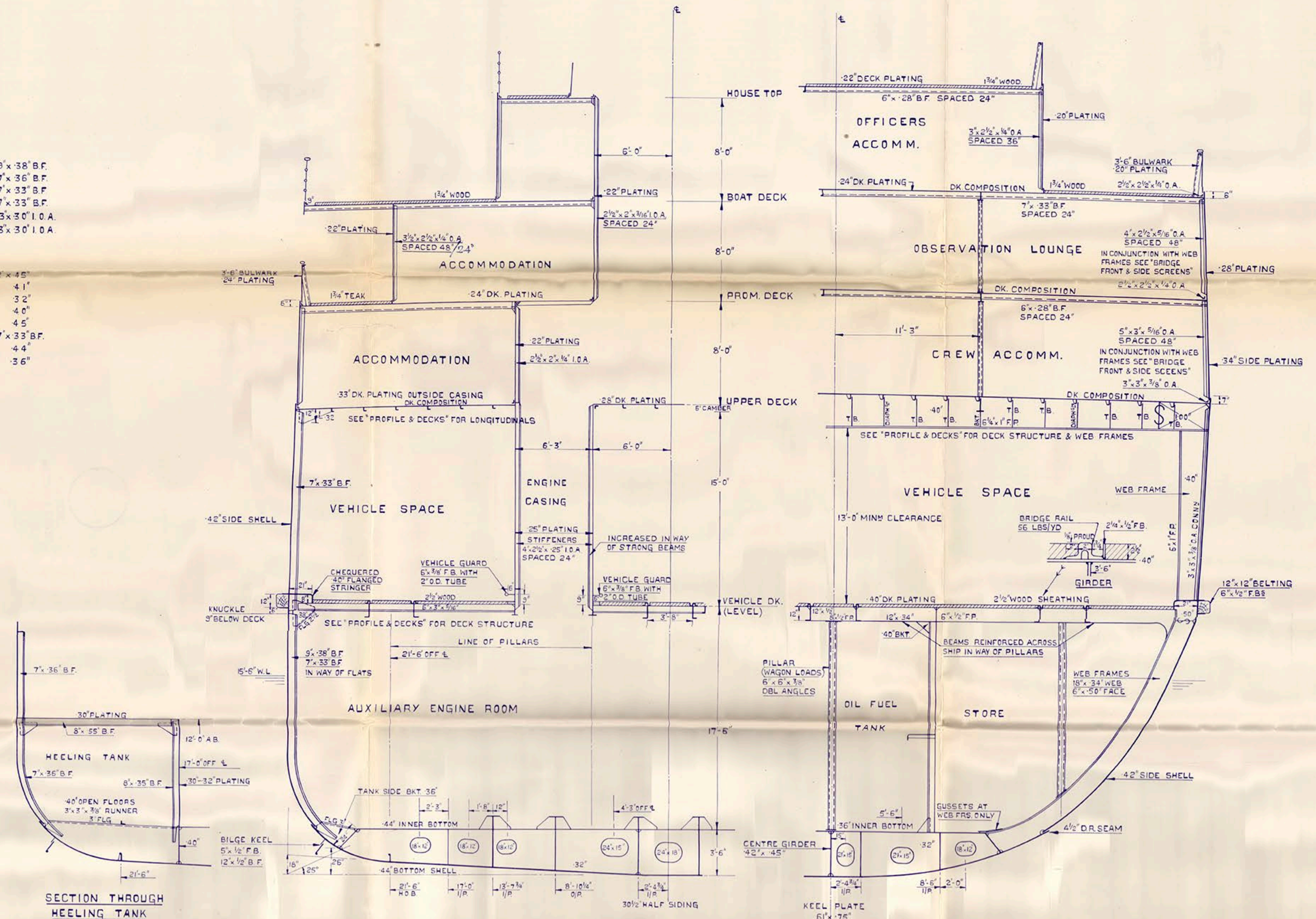
KEEL PLATE (INCL OWNERS 10")	6" L	61" x 75"
	ENDS	61" x 59"
BOTTOM SHELL		44"
	05'-25" L FORD	54"
SIDE SHELL TO UPPER DK.	4" L	42"
	1" L ENDS	30"

## FRAMING

MAIN FRAMES		9" x 38" B.F.
IN WAY OF HEELING TANKS		7" x 36" B.F.
IN WAY OF E.R. FLATS		7" x 33" B.F.
VEHICLE TWEEN DK. FRAMES		7" x 33" B.F.
IN WAY OF FORD. FLATS (FORD OF 143)	5' x 3' x 30" I.O.A.	
IN WAY OF AFT FLATS (AFT OF 11)	4' x 3' x 30" I.O.A.	

## DOUBLE BOTTOM

CENTRE GIRDER	4" L	42" x 45"
ENDS		41"
FLOORS THROUGHOUT		32"
WATERTIGHT		40"
SIDE GIRDERS (EXCEPT MCY. GIRDERS)		45"
SHELL LONGITUDINALS		7" x 33" B.F.
INNER BOTTOM PLATING (MCY. SPACES)		44"
ELSEWHERE		36"



SECTION AMIDSHIPS

SECTION FORWARD



(B)

Wm Denny & Bros. Ltd. N<sup>o</sup> 1502.

"ARAMOANA" ★

MIDSHIP SECTION.  
(AS FITTED).

M/M 11928

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RECORDS DEPT.,  
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