

14.2.02  
16.3.02

# MIDSHIP SECTION

## S. S. Nos 72 & 73.

### CLASS 100.A1.

SCALE 2 IN = 1 FOOT

ONE AND TWO DECK RULE

#### DIMENSIONS

LENGTH TWIST PERPENDICULARS 310.0  
BREADTH MOULDED 32.10  
DEPTH MOULDED TO UPPER DECK 23.0  
DEPTH IN LENGTH 12.9

#### ERECTIONS

POOP 31.0  
BRIDGE 86.0  
FORECASTLE 30.0  
TOTAL 147.0

#### LLOYDS NUMERALS

2 BEAM 21.42  
DEPTH 23.89  
2 GIRTH 42.00  
1ST NUMBER 87.31  
LLOYDS LENGTH 308.2  
2ND NUMBER 26908.94

#### EQUIPMENT NUMBER

87.31 x 308.2 = 26908.94  
+ 187  
308 of 8 of 26908.94 = 1604.4

#### EQUIPMENT

2 BOWER ANCHORS - STOCKLESS 42 1/2 EACH  
1 STREAM 10 3/4 CWTs - EX STOCK  
1 KEDGE 5 1/2  
240 FMS 1 1/2" STUD CHAIN CABLES  
75 FMS 4 1/2" STEEL WIRE ROPE IN LIEU OF  
STREAM CHAIN  
100 FMS 4" STEEL WIRE TOWLINE  
2 OFF - 90 FMS EACH - 7 HANSERS  
2 OFF - 90 FMS EACH - 6 WARPS

#### FREEBOARD PARTICULARS

UNDERDECK TONNAGE ABOUT 2300 TONS  
SHEER FORWARD 7.0  
SHEER AFT 3.0  
SHEER 8 FROM STEM 1.1  
SHEER 8 FROM STERN 1.9  
FREEBOARD DECIDED FROM TOP OF UPPER  
DECK STRINGER 2 1/2 IN SUMMER

STRINGER 44 x 80 FOR 1/2 LENGTH TO 28 x 70  
BUTTS OF POOP BRIDGE AND FORECASTLE STRINGER  
OVERLAPPED AND DOUBLE RIVETED

BRIDGE AND POOP DECK PLATING 5/16  
BUTTS OVERLAPPED AND DOUBLE  
RIVETED FOR 1/2 LENGTH - SINGLE AT ENDS  
SEAMS SINGLE RIVETED  
NO STEEL DECK ON FORECASTLE except under Mindless  
FORECASTLE DECK 5 x 3 PLATING

BRIDGE SIDE PLATING 3/4  
POOP AND FORECASTLE 7/16  
BUTTS OVERLAPPED AND DOUBLE  
RIVETED

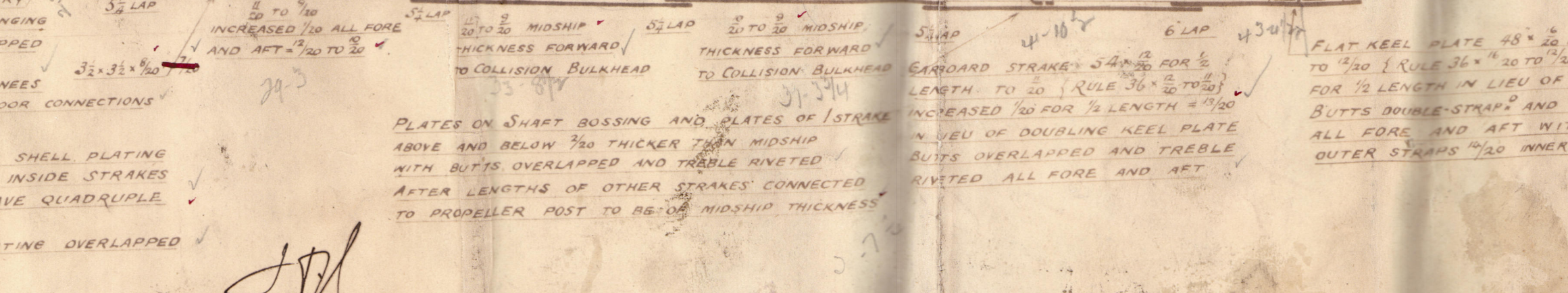
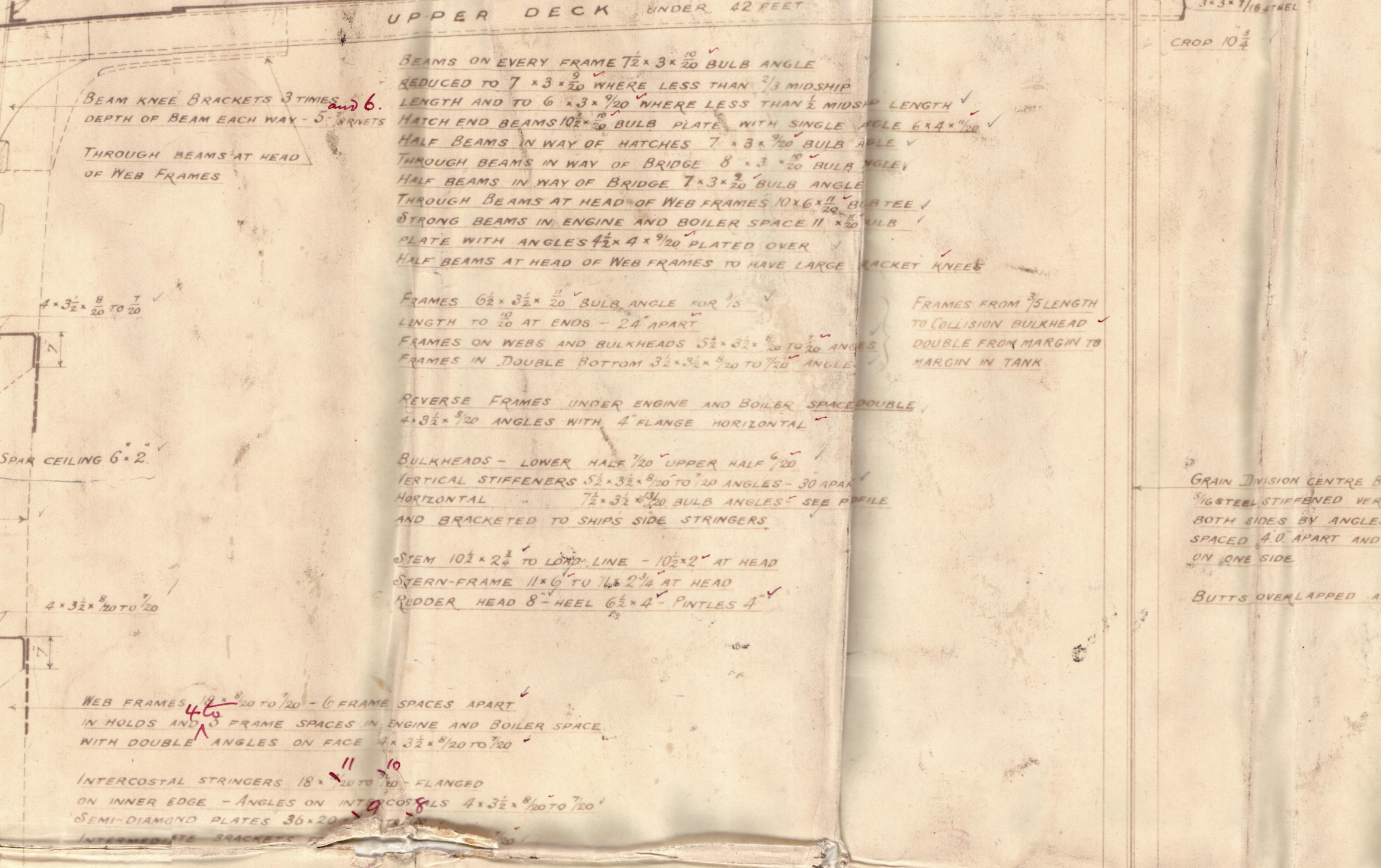
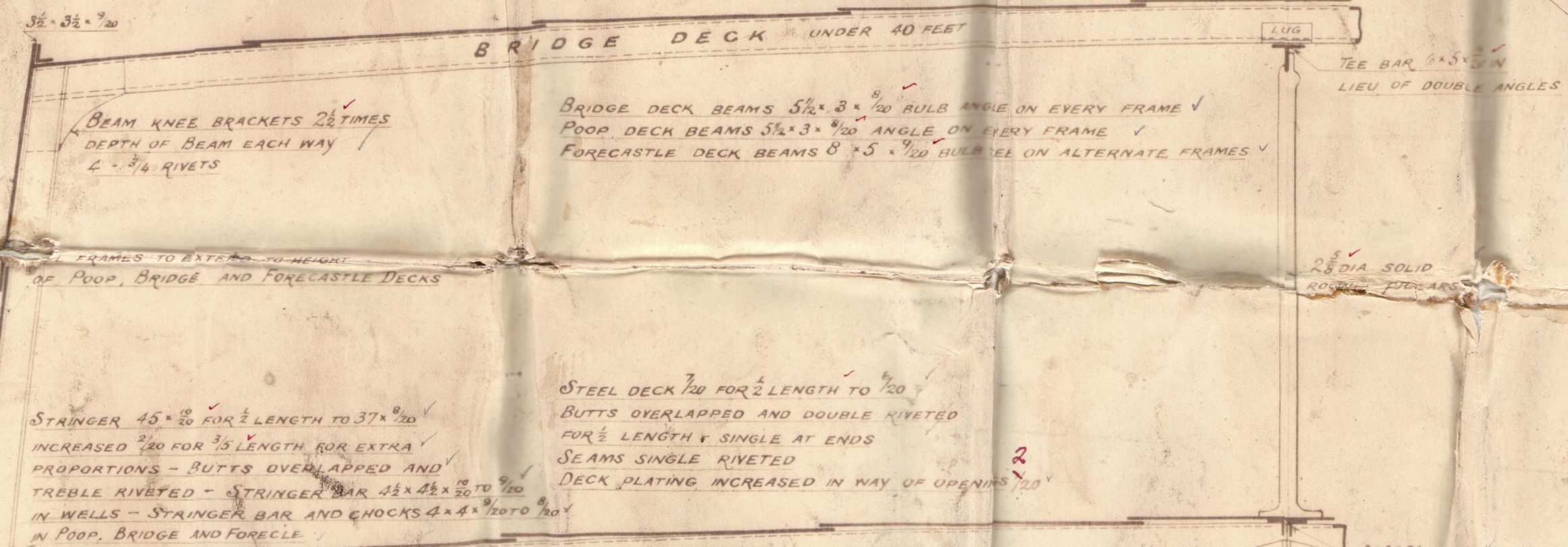
SEAM DOUBLE RIVETED AT ENDS  
OF BRIDGE - SINGLE ELSEWHERE

BULWARKS IN WELLS 5/16 STEEL

SEAM DOUBLE RIVETED AT ENDS  
OF BRIDGE - SINGLE ELSEWHERE

SHEERSTRAKE 44 x 70 FOR 1/2 LENGTH  
TO 30 INCREASED 7/16 FOR 1/2 LENGTH  
FOR EXTRA PROPORTIONS - BUTTS  
OVERLAPPED AND TREBLE  
RIVETED ALL FORE AND AFT  
SHEERSTRAKE DOUBLED AT ENDS  
OF BRIDGE

11 x 90 INCREASED 3/16 FOR 1/2  
LENGTH FOR EXTRA PROPORTIONS  
7/16 TO 7/8



GRAIN DIVISION CENTRE BULKHEAD  
1/2" STEEL STIFFENED VERTICALLY ON  
BOTH SIDES BY ANGLES 5 1/2 x 3 1/2 1/2" TO 7/8"  
SPACED 4.0 APART AND RIVETED TO BEAMS  
ON ONE SIDE  
BUTTS OVERLAPPED AND SINGLE RIVETED

TANK TOP PLATING IN HOIDS 7/16  
D 2 IN ENGINE SPACE 1/2 IN BOILER SPACE 3/4  
BUTTS OVERLAPPED AND DOUBLE RIVETED  
FOR 1/2 LENGTH - SINGLE AT ENDS  
SEAMS SINGLE RIVETED EXCEPT CENTRE STRAKE

TANK CENTRE STRAKE 5 1/2 x 70 FOR 1/2 LENGTH TO  
20 IN RULE 30 x 70 TO 70 IN BUTTS OVERLAPPED AND  
DOUBLE RIVETED ALL FORE AND AFT

TANK CENTRE GIRDER 40 x 70 FOR  
1/2 LENGTH TO 70 - BUTTS OVERLAPPED  
AND TREBLE RIVETED ALL FORE AND AFT

FLAT KEEL PLATE 48 x 70 FOR 1/2 LENGTH  
TO 20 IN RULE 36 x 70 TO 70 IN INCREASED 7/16  
FOR 1/2 LENGTH IN LIEU OF DOUBLING  
BUTTS DOUBLE-STRAP AND TREBLE RIVETED  
ALL FORE AND AFT WITH 1 RIVETS  
OUTER STRAPS 7/16 INNER STRAPS 7/8

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No 72 & 3

Midship Section

72 = S/S Morpeth

hwc. 44321.

73 = S/S Mildon

hwc 44457.



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Foundation