

# VERIFICATION REPORT

Rpt. 11b.

SUNDERLAND RPT. NO. 27858

Index No. 29093  
(For London Office only.)

MON. JUL. 5 1920

## Lloyd's Register of Shipping. SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

COMPLETE SHELTER DECK WITH TONNAGE OPENING.

Port of Survey Sunderland.  
Date of Survey  whilst building  
Name of Surveyor A. Pickworth.

Ship's Name. DIADEM SUNDERLAND S. Cos 317  
Number in Register Book  
Port of Registry and Nationality. Newcastle  
Official Number. 144922  
Gross Tonnage. 4550 approx.  
Date of Build. 1920  
Particulars of Classification. 100 A.1. Shelter deck with freeboard. Contemplated

| Registered dimensions from Ship's Register. | LENGTH.       | BREADTH.                                                  | DEPTH.                                                                                 | UNDER DECK TONNAGE.            |
|---------------------------------------------|---------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------|
|                                             | <u>390.00</u> | <u>54.00</u>                                              | <u>24.6</u>                                                                            | <u>4185.88</u>                 |
| Length on                                   | <u>389.52</u> | Frame Depth " <u>6</u><br>Rule " <u>5</u><br><u>- .83</u> | Ceiling <u>fitted</u><br>Sheer <u>+1.05</u><br><u>1" droop in tank</u><br><u>+ .04</u> | Peak } <u>incl.</u><br>Tanks } |
|                                             | <u>389.52</u> | <u>53.17</u>                                              | <u>25.69</u>                                                                           | <u>4185.88</u>                 |

Moulded Depth as measured..... 24'-0"

Addition for Keel below base line for draught record..... 2.....inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 389.52  
Length in Table ..... 324.00  
Difference ..... 65.52  
Correction for 10ft., Table A. .... 1.4 Table C. ☒  
× Difference divided by 10 ..... 9.14 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 4.58 + 4½

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....  
Thickness of usual wood deck, less stringer ..... - 3½

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 51'-0"  
Round of Beam ..... 13½  
Normal round..... 12¾  
Difference ..... ¾ ÷ 2 = .....  
Proportion of Deck uncovered (Para. 19) ..... ☒

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

ness..... 787  
n necessary }  
to (e)\* } .02 Cellular double bottom.  
corrected ..... Say .77  
..... 120 } 181.5 ÷ 2 = 90.75 Mean 47.75 = 86.8  
st ... 61½  
he length from { Stem 64 } 95.5 ÷ 2 = 47.75 Mean  
Sternpost 31½  
Sheer ..... 86.8  
Sheer [Table, Para. 18] ..... 48.95 Correction 6  
Difference..... 37.9 ÷ 4 = 9.47  
Para. 18 (f) ..... 85 - 9½

At front of bridge house..... ☒  
At after end of forecastle ..... ☒

er }  
 ) } ÷ 2 = .....  
ered .....  
Correction

### ALLOWANCE FOR DECK ERECTIONS:—

ble C..... 3. 3¾  
Length, if required (Para. 12, 13, and 14) .....  
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 5. 6¾  
..... 2. 3  
below..... 94.5% 2'-1½

R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11) ☒  
Deck Erections ..... 2. 1½

Length. Length allowed. Height.  
} 385.24 385.24 8ft  
} 351-10¾ 2.12 = ½ diff.  
Dk. 4.25 Tonnage Opening 387.39  
} 33-4½ 389.52 389.52 = .995

corresponding percentage {  
(Para. 11, 12, 13, or 14) } 94.5%

### FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line above centre of Disc  
Indian Summer Line " "  
Winter Line below " "  
Winter North Atlantic Line " " "

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.  
Obtaining an allowance for deck erections under Para. 11 where the sheer is measured from the R.Q.D. is to be taken from the level of the top of the amidships vessel the total standard sheer means the sheer measured at the amidships. In vessels having poops and forecastles, it means the sheer measured from the level of the vessel's length from stem and stern-post.

Winter Freeboard ..... 3'-6¼  
Summer Freeboard ..... 5½ 3'-0¾  
Indian Summer Freeboard ..... 5½ 2'-7¼  
N.A. Winter Freeboard .....  
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. 1¾

Winter Freeboard from deck line ..... 3'-8"  
Summer " " " ..... 3'-2½  
Indian Summer " " " ..... 2'-9"  
N.A. Winter " " " .....  
Wood (Iron) Deck:— ..... 3'-2½  
..... 6¾  
..... 5½  
..... 5½

State dimensions of freeing port area on back of this form.  
The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

1.9.20.

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Lloyd's Register  
Foundation