Rpt. 1

DISCLASSED SECTION No. 833 C

ADMIRALTY VESSEL

# HN ZURMAND (TUG)

# STEEL STEAMER ~~or MOTORSHIP~~.

DISCLASSED SECTION No. 833 C

Received at London Office 15 OCT 1942

State if Report has been sent on the Freeboard of the Vessel Yes.

State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report 23rd September 1942. Port of HULL. No. 51768.

Survey held at Selby and Hull Date First Survey 11th November 1941. Last Survey 19th September 1942

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Steam Tug "DEXTEROUS".

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Forecastle

**TONNAGE** under Tonnage Deck ... 440·79

Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓

440·79

...s Tonnage 596·52

...ister Tonnage 0·17

**REGISTERED DIMENSIONS.**

| | FEET |
|---|---|
| ...gth | 146·75 |
| ...eadth | 33·2 |
| ...pth | 15·2 |

**CLASS** ✠ 100 A.1. "FOR TOWING SERVICES". State if with freeboard as condition of Class No.

| | | FEET |
|---|---|---|
| **Length** from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) | L | 142·5 ✓ |
| **Breadth** (greatest moulded) | B | 33·0 ✓ |
| **Depth**, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) | D | 16·0 ✓ |
| **1st Longitudinal Number** (L × D) = | | 2280 ✓ |
| **2nd Numeral** L × (B + D) = | | 6982·5 ✓ |
| **Framing Depth "d,"** at middle of length. See Sec. 3 (1d) | | ✓ |
| **Proportions**—Depth to Length—Uppermost continuous deck to top of keel | | 8·9 ✓ |
| Do. Long Bridge to top of keel | | ✓ |
| **Draught Moulded** | | 14'-2" |

Built at Selby.

Launched 17th April 1942 Yard No. 1247.

Builders Messrs Cochrane & Sons Ltd

Owners The Admiralty

Managers ✓ (Where necessary to be entered in Reg. Book)

Residence London.

Port of Registry ✓

If surveyed while building, afloat, or in dry dock During construction

## FRAMES, DOUBLE BOTTOM AND BEAMS.

| | Inches in Ship. | | | Any Departure from Approved Plans to be Noted. |
|---|---|---|---|---|
| **FRAMES, Spacing amidships** | | 22 | ✓ | |
| " " from 3/5 length amidships to Collision bulkhead | | 22 | ✓ | |
| " " in peaks | | 22 | ✓ | |
| **SIDE FRAMING.** | | | | |
| **Frame Amidships,** ~~Angle, E or~~ [ | 5½ | 3 | ·34 | ✓ |
| " in boiler room [ | 7" | 3 | ·40 | ✓ |
| " " Extends up to | upper deck | | | ✓ |
| **Reversed Frame Amidships,** Angle in Bkr. Rm | 3 | 3 | ·45 | ✓ |
| " " " " Eng. Room | 3½ | 3½ | ·50 | ✓ |
| " " Extends ~~up to~~ | across floors | | | ✓ |
| **Depth of Framing Girder** | | 5½" | | ✓ |
| **Frames in Uppermost Continuous 'tween Decks,** Angle, [ or [ | | | | |
| " " **Second 'tween Decks,** Angle, [ or [ | | | | |
| " " **Third** " " " " | | | | |
| " **from ½ len. for'd. to 15% len. from Stem** | | | | |
| " **in Peaks,** ~~Angle or~~ [ | 5½ | 3 | ·34 | ✓ |
| **Diameter** and Spacing of Rivets through Frame and Shell Plating amidships | ¾" | – | 5¼" | ✓ |
| **State if Frame Joggled** | | No. | | ✓ |
| Are the scantlings and arrangements in the **Panting Area** in accordance with the Rules and/or as approved ? | | | | |
| Are the scantlings and arrangements in way of the **Bottom Forward** in accordance with the Rules and/or as approved ? | | AS APPROVED | | |
| **SINGLE BOTTOM.** | | | | |
| **Floors,** Depth and thickness at mid-line in ~~Holds~~ Boiler room | 18" | × | ·45 | ✓ |
| " in Engine room | | | ·50 | ✓ |
| " ~~Height of Brackets at side above base line at toe of frame~~ At ends | 22" | × | ·35" | ✓ |
| **Middle Line Keelson,** on Floors, ~~Angles,~~ [ ~~or E~~ | 12×½×4×36 | 43 lbs | | ✓ |
| " " " Through Plate or Intercostal Plate | | ✓ | | |
| " " " Foundation Plate on Floors | | ✓ | | |
| " " " Flat Plate Keel Angles | | ✓ | | |
| **Side Keelsons,** No. each side | | Two | | ✓ |
| " " thickness of Intercostal Plate | | ✓ | | |
| " " Angles in Boiler room only | 6 | 4 | ·56 | ✓ |
| **DOUBLE BOTTOM.** | | | | |
| **Solid Floors,** thickness and spacing | | | | |
| " Are Frame and Reversed Frame joggled ? | | | | |
| **Bracket Floors,** breadth and thickness at middle line | | | | |
| " " breadth and thickness at margin plate | | | | |

| | Inches in Ship. | | | Any Departure from Approved Plans to be Noted. |
|---|---|---|---|---|
| **Bracket Floors,** Frame | | | | |
| " " Reversed Frame | | | | |
| " " Vertical Struts | | | | |
| **Centre Girder,** depth and thickness amidships | | | | |
| " " top Angles | | | | |
| " " bottom Angles | | | | |
| **Side Girders,** No. each side and thickness | | | | |
| **Margin Plate** depth (excl. of flange) and thickness | | | | |
| " " Vertical Angle to Tank side Bracket abaft ¼ len. from stem | | | | |
| " " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area | | | | |
| " " Gussets, spacing and scantling abaft ¼ len. from stem | | | | |
| " " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area | | | | |
| **Tank Side Brackets,** height above base line at toe of Frame and thickness | | | | |
| **INNER BOTTOM PLATING.** Breadth and thickness of Middle Line Strake | | | | |
| Thickness of remainder in Holds | | | | |
| Are Rule requirements complied with regarding increases of scantlings in way of ~~double bottom in E. & B. space and~~ framing in Bunkers and Boiler Room ? | | Yes. | | |
| **BEAMS.** | | | | |
| **Uppermost Continuous Deck,** amidships in ~~Wells, Angle, E or~~ [ | 6 | 3 | ·32 | ✓ |
| " " ~~in way of Bridge, Angle, E or~~ [ | and 5½ | 3 | ·32 | ✓ |
| Spacing | 22" | and | 21" | ✓ |
| **Second Deck,** amidships, Angle, [ or [ | | | | |
| Spacing | | | | |
| **Third Deck,** amidships, Angle, [ or [ | | | | |
| Spacing | | | | |
| **Fourth Deck,** amidships, Angle, [ or [ | | | | |
| Spacing | | | | |
| **Poop Deck,** Angle, [ or [ | | | | |
| Spacing | | | | |
| Boat ~~Bridge~~ **Deck,** Angle, ~~E or~~ [ | 4 | 3 | ·30 | |
| Spacing | 44" | | | |
| **Forecastle Deck,** ~~Angle, E or~~ [ | 7 | 3 | ·34 | |
| Spacing | 22" | + | 44" | |

DISCLASSED SECTION No. 833 C

(MADE IN ENGLAND.)



011912-011926-0009 ½

# PILLARS AND DECKS.

| | Inches in Ship. | Any Departure from Approved Plans to be Noted. |
|---|---|---|
| **PILLARS**, No. of Rows | ONE | |
| „ in 'tween Decks, Size and Spacing | 3" DIAR. AS APPD AND STEEL BULKDS. | |
| „ „ „ | | |
| „ in Holds „ „ „ | ✓ | |
| „ „ „ „ „ | ✓ | |
| **Centre Line Bulkhead.** Stiffeners and Spacing | ✓ | |
| Plating, thickness of | ✓ | |
| **STRINGERS AND DECKS.** **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness ~~in Wells~~ | 30½" × ·36 ✓ | 27" × ·36 |
| „ „ „ „ in way of Bridge | ✓ | |
| „ Angle ~~in Wells~~ | 3" 3" ·40 | |
| Thickness of Plating abreast Deck openings ~~in way of Wells~~ | ·30 | |
| Thickness of Plating abreast Deck openings in way of Bridge | ✓ | |
| Thickness of Plating within line of openings... | ·30 | |
| If Sheathed, material and thickness | ✓ | |
| **Second Deck.** Stringer Plate, breadth and thickness in Wells | ✓ | |
| Stringer Plate, breadth and thickness in way of Bridge | | |
| Thickness of Plating abreast Deck openings in way of Wells | | |
| Thickness of Plating abreast Deck openings in way of Bridge | | |
| Thickness of Plating within line of openings... | | |
| If Sheathed, material and thickness | | |
| **Third Deck.** Stringer Plate, breadth and thickness | | |
| If Plated, state thickness | | |
| **Fourth Deck.** Stringer Plate, breadth and thickness | | |
| If Plated, state thickness | | |
| **Poop Deck.** Stringer Plate, breadth and thickness | | |
| Plating, Sheathing, material and thickness ... | | |
| BOAT **~~Bridge~~ Deck.** Stringer Plate, breadth and thickness | ·26 | |
| "Celotex" filled on underside of dk See letter 2.11.42 Plating, ~~Sheathing, material and thickness~~ ... | ·26 | |
| **Forecastle Deck.** Stringer Plate, breadth and thickness | ·26 | |
| "Celotex" filled on underside of dk See letter 2.11.42 Plating, ~~Sheathing, material and thickness~~ ... | ·26 | |

# SHELL PLATING.

## SCANTLINGS.

| STRAKES. | AS IN VESSEL. Amidships. Breadth. | Amidships. Thickness. | Forward. Thickness. | Aft. Thickness. | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. |
|---|---|---|---|---|---|
| | Inches. | Inches. | Inches. | Inches. | |
| GARBOARD ~~Flat Plate Keel~~ | 39 | ·40 | ·40 | ·40 | |
| „ Dblg. (if any) | ✓ | ✓ | | | |
| Bottom Plating, No. of Strakes ...2... B | 71 | ·36 | ·36 | ·36 | |
| Bilge Plating, No. of Strakes ..1..... C | 62 | ·36 | ·36 | ·36 | |
| | 60 | ·36 | ·36 | ·36 | |
| Side Plating, No. of Strakes ..1..... E | 61 | ·36 | ·36 | ·36 | |
| Upper Deck, Sheer-strake ~~in Wells~~ ..... G | 44 | ·46 | ·38 | ·38 | |
| Upper Deck, Sheer-strake in Bridge ... | ✓ | ✓ | | | |
| Strake below Sheer-strake ~~in Wells~~ ..... F | 53 | ·38 | ·38 | ·38 | |
| Strake below Sheer-strake in Bridge ... | ✓ | ✓ | | | |
| Poop Side Plating..... | ✓ | ✓ | | | |
| Bridge Side Plating..... | ✓ | ✓ | | | |
| Forecastle Side Plating | 44 | ·31 | | | |

## RIVETING.

| EDGES. State if joggled? Yes. Single or Double. | Rivets. Diam. | Rivets. Spacing cr. to cr. | Butts. No. of Rows of Rivets. | Butts. Rivets. Diam. | Butts. Rivets. Spacing cr. to cr. | Strapped or Lapped. |
|---|---|---|---|---|---|---|
| | Inches. | Inches. | | Inches. | Inches. | |
| Double | 3/4 | 6 p.r. exc. F.R. | Three | 3/4 | 2 5/8 | Strapped |
| ✓ | ✓ | ✓ | ✓ | | | |
| Double | 3/4 | 6 p.r. exc. F.R. | Two | 3/4" | 2 5/8 | Lapped |
| " | " | " | " | " | " | " |
| " | " | " | " | " | " | " |
| " | " | " | " | " | " | " |
| Double | 3/4 | 6 p.r. exc. F.R. | Two | 3/4 | 2 5/8 | Strapped |
| ✓ | | | ✓ | | | |
| Double | 3/4 | 6 p.r. exc. F.R. | Two | 3/4 | 2 5/8 | Lapped |
| ✓ | | ✓ | ✓ | | | |
| ✓ | | ✓ | ✓ | | | |
| ✓ | | ✓ | ✓ | | | |
| Double | 3/4 | 6 p.r. exc. F.R. | Two | 3/4 | 2 5/8 | Lapped |

# WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 4 for record

Extending to Upper Deck (Sec. 3 *c*) 6

„ Deck next below ✓

As per Rule 4

Nos 5/6, 38, 53 & 72 for record

| | | | Plating Thickness. | Stiffeners. Vertical. Scantlings. | Stiffeners. Vertical. Spacing. | Stiffeners. Horizontal. Scantlings. | Stiffeners. Horizontal. Spacing. |
|---|---|---|---|---|---|---|---|
| O.T. | ON FRAME No. 29 | | | 7"×3"×·33" | | | |
| ~~MIDSHIP~~ BULKH'D, | ~~Upper 'tween decks~~ | | ·35-·30 | 5½×3×·35 | 24" | 5½×3×·35 | |
| " - " | " " No. 38 | | ·35-·30 | 7×3×·33 | 24" | 12×·38 PT. | |
| „ „ | ~~Second~~ „ | | | 5½×3×·32 | | 5½×3×·35 | |
| „ „ | " ~~Third~~ " No. 51 | | ·34-·30 | 5½×3×·42-·35 | 23"-25" | 12×·38 PT. | |
| „ „ | " ~~Holds~~ ..... No. 53 | | ·34-·30 | 5½×3×·40-·35 | 24" | 3×3×·30 | |
| COLLISION „ | " (in Hold) ..... 72 | | ·34-·30 | 7×3×·30 | 24" | STEEL FLAT | |
| AFTER PEAK „ | " „ ..... 6 | | ·50 | 4×3×·60 | 24" | ✓ | ✓ |
| | „ „ ..... 5 | | ·30 | 5×3×·30 2½×2½×·30 | 24" | ✓ | ✓ |

# FORGINGS AND CASTINGS.

| | | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted |
|---|---|---|---|---|---|
| KEEL, Bar | FLAT BAR. | ROLLED | 7"×1 3/16" | | |
| STEM ..... | " " | " | 7"×1 3/16" | | |
| STERN FRAME { Propeller Post ..... | | FORGING | 7 5/8"×3 3/16" | T.S. FORSTER | |
| STERN FRAME { Rudder „ ..... | | " | 14"to 9"×3 3/16" | & SONS LTD. | |
| Speed of Vessel ..... | | | 12-13 KNOTS | | |
| RUDDER—Type ..... | | | DOUBLE PLATE | | |
| „ A × D..... | | | 226·6 | | |
| „ Diam. of head ..... | | | 8" | | |
| „ Mainpiece at top pintle | | | 8"×6 1/16" | | |
| „ „ heel ... | | | 4"×6 1/16" | | |
| „ how constructed ..... | | | FORGED & BUILT. | | |
| „ double or single plate | | | DOUBLE. | | |
| „ coupling, vertical or horizontal ..... | | | HORIZONTAL | | |

# STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.

PLATES:- DORMAN, LONG & CO. LD. CONSETT IRON CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD.

SECTIONS:- SKINNINGROVE IRON CO. LD. DORMAN LONG & CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD.

Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 6982-S LETTER ✓

## ANCHORS.

| Number of Certificate. | Anchors. | Weight, Ex. Stock. Cwts. | qrs. | lbs. | Weight of Stock. Cwts. | qrs. | lbs. | Test, per Certificate. Tons. | cwts. | qrs. | lbs. | Weight Required by Table 53. Cwts. | Description of Anchor. | Makers. | Where and when tested, and Superintendent. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54969 | 1st Bower ... | 14 | 0 | 21 | Stockless | | | 15 | 16 | 3 | 14 | 14 | Hall's type (Cast Steel Head) | Not stated | C Heath 8-5-42 I.C. Panel |
| 54970 | 2nd ,, ... | 14 | 0 | 0 | " | | | 15 | 12 | 2 | 0 | 14 | " " " | " " | " " 8-5-42 I.C. Panel |
| ✓ | 3rd ,, ... | | | | | | | | | | | | | | |
| | Collective weight | 28 | 0 | 21 | | | | | | | | 28 | | | |
| ✓ | Stream ..... | | ✓ | | | | | | | | | | | | |

## CHAIN CABLES.

| Number of Certificate. | Length and size supplied. Length. Fathoms | Diam. Ins. | Test per Certificate. Statutory. Tons. | Breaking. Tons. | Weight of Chain Cable. Supplied. Cwts. qrs. lbs. | Per Rule. Cwts. | Length and Size per Table 53. Length. Fathoms | Diam. Ins. | Description. | Makers of Cables. | Where and when tested, and Superintendent. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| 65362 | 150⅓ | 1 3/16 | 25⅜ | 38 | 107-2-17 | 108½ | 150 | 1 3/16 | Stud | B. Hingley | Bradley Heath |
| | | | | | | | | | Quik | Sons. | 6-6-42 I.C. Panel |
| | | Cir. | | | | | | Cir. | | | |
| Iron Stream Chain or Steel Wire | ✓ | ✓ | | | | | | ✓ | | | |

## HAWSERS AND WARPS.

| Material. | Length and Size supplied. Length. Fathoms | Cir. Ins. | Breaking Test of Steel Wire. Tons. | Length and Size per Table 53. Length. Fathoms | Cir. Ins. |
|---|---|---|---|---|---|
| Towline ... | ✓ | ✓ | | | |
| Hawsers & Warps | 60 | 7 | | 60 | 7 |
| " | 60 | 5½ | | 60 | 5½ |
| " | | | | | |

**Steering Gear, Type** (Power ~~or hand~~) Donkin & Co. Ltd. **Alternative Means of Steering** Hand Gear - Donkin & Co Ltd.

**Steering Chains** (Size and Test) Usual **Windlass** Steam - Clarke, Chapman & Co **Boats** 1 Motor Boat 25'6" 1 Lifeboat 21'0"

**Ceiling in Hold**, thickness and material 1 3/8" white pine and oil fuel **Cargo Battens**, thickness, material and spacing 1 3/8" W.P. - 6"

**Cargo Hatchways.**—(Upper Deck) Steel plates and angles. **Thickness of Hatches** 3" W.P. & .50 Steel Cover plates

Size of Hatchways ~~No.~~ 1 (AFT. ~~Fwd.~~) 8'-0" x 6'-0" **No. 2** ✓ **No. 3** ✓ **No. 4** ✓ **No. 5** ✓ **No. 6** ✓

Number of **Shifting Beams** and/or **Fore** and **Afters** ✓

FOR COCHRANE & SONS LTD

*Builder's Signature* V. Gray DIRECTOR

**GENERAL DECLARATION.** *It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel* Yes. *(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo* No. *The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).*

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates & in general conformity with the Rules for the class contemplated.
The materials and workmanship are good.
Peak tanks, water ballast tanks forward, fresh water and feed water tanks and oil fuel tanks have been tested to rule requirements and found satisfactory. Flash point of oil fuel 150°F.
& freeboard has been assigned, the marks cut in on the vessel's sides and verified.
Decks, casings, W.T. bulkheads etc., hosetested and found satisfactory. Windlass & steering gear etc., tested under working conditions and found in order.
Oil fuel tanks are situated between the engine & boiler spaces, and immediately forward of the boiler room.
The supervision of the specification has been carried out.

The amount of Entry Fee ..... £ ✓ :

Special Survey Fee AND ..... £ 141 : 0 : 0
E FOR SUPERVISION OF SPECIFICATION

*Travelling Expenses, if ~~any~~* ..... £ 4 : 5 : 11

Fees applied for, 04 OCT 1942

Received by me, 19

*(Special notations, where part of class, to be stated.)*

I am of opinion the Vessel should be Classed ✠100 A1. "FOR TOWING SERVICES".

State whether the Vessel has been built under Special Survey 4/Cs.

Certificate ~~to~~ be sent to Hull. Date of issue 12/11/42

*Signature* J R Maccord
*Surveyor to Lloyd's Register of Shipping.*

*Committee's Minute* FRI. 6 NOV 1942

*Character assigned* +100A1
For Towing Services.
Lloyd's A & C.
O.L., E.S.D., Lt. breadth. +Lwl 6.9.42
Fitted for oil fuel 6.9.42 F.P. above 150°F
T.T., C.L.,
Water W.T.

The Surveyors are requested not to write on or below the Committee's Minutes.

**GENERAL REMARKS**—(*The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.*)

The approved plans are being retained for reference in dealing with sister vessels under construction.

The following reports are enclosed herewith:-
Stem frame Sld. Rpt. No. 6813.
Rudder frame & rudder head. " " - 6892.

This vessel is a sister-ship to Messrs Cochrane & Sons Ltd Yard No. 1242. Hull Rpt No. 51706 "DECISION"

An echo sounding device has been fitted. ✓

**PARTICULARS OF ELECTRIC WELDING** (*if employed*)

W.T. flats forward and aft electrically welded at ships sides.
Approved electrodes used.

**SPECIAL NOTATIONS**:—*Either as part of the vessel's class or for record in the Register Book*

✠ 100 A.1.
"FOR TOWING SERVICES".

| Particulars of **Drop Test** of Cast Steel Anchors, viz.:—Weight, Surveyor's Initials, Number of Certificate, Date of Test. | | | | | |
|---|---|---|---|---|---|
| | 1st Bower | 9.0.5 incl. pins. | J.D. | 6777. | 23.2.42. |
| | 2nd ,, | 8.3.20 " - | J.D. | 6754. | 20.2.42. |
| | 3rd ,, | ✓ | | | |

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 27.66 (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. ✓ Signal Letters ✓ Extreme Breadth over Belting (Circ. 1611) 34.87 ft. Over-all Length (Circ. 1703) 156.66 ft.

No. and Material of Decks 1 DK (STL)

Parts of Bottom of Vessel coated with cement or approved composition Bituminastic clear of oil fuel tanks

Particulars of composition (if fitted) and of approval ✓

**PARTICULARS OF WATER BALLAST:**—(*Comprising all tanks which may be used for Water Ballast.* (Circ. 1284) *Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included*

| Where Fitted. | Length. Feet. | Water Capacity. Tons. | Where Fitted. | Length. Feet. | Water Capac Tons. |
|---|---|---|---|---|---|
| Double bottom, aft, | | | Fore peak tank, | 11.5 | 22 |
| Double bottom, under Engines and Boilers, | | | After peak tank, | 11.0 | 39 |
| Double bottom, if under Engines only, | | | ~~Deep tank, aft,~~ WATER BALLAST TANK | 7.33 | 20 |
| Double bottom, if under Boilers only, | | | ~~Deep tank, forward,~~ FRESH WATER TANK | 9.16 | 36 |
| Double bottom, forward, | | | Other tanks, if fitted, FEED WATER TANK | 3.60 | 18 |
| Total length (if continuous) and Capacity | | | (If necessary furnish further information by sketch.) | | 6 16 |

Order for Special Survey No. 3294

Date 19th Sept. 1941.

Dates of Surveys held while building

1941:- Nov. 11·14·18·21·26·28. Dec. 2·5·11·15·17·18·19·26·31. 1942:- Jany. 7·13·15·27·30
Feby 4·6·10·16·24·27. March 3·4·11·16·18·20·25·30. April 3·10·14·17·21·24·27.
May 1·5·8·12·20·22·26·29. June 3·12·22. July 8·14·15. Aug. 14·18·20·22·28
Sept. 1·3·4·8·10·12·16·17·18·19

Total No. of Visits 70