

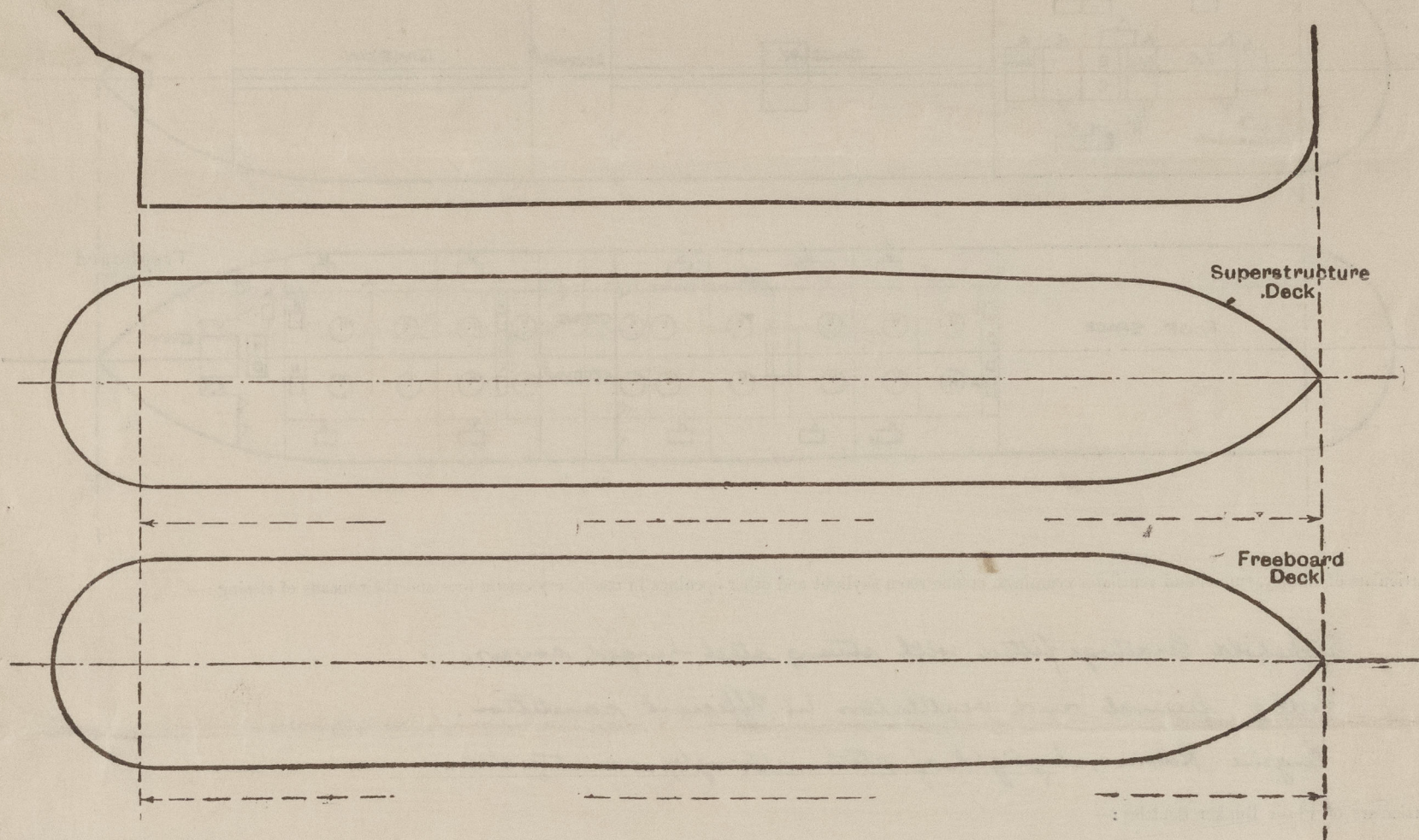
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name SAN TIRSO Port of Survey NEWCASTLE
 Official Number 135267 Surveyor's Signature G. Young
 Nationality and Port of Registry BRITISH LONDON Date of Survey 4th December 1942

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

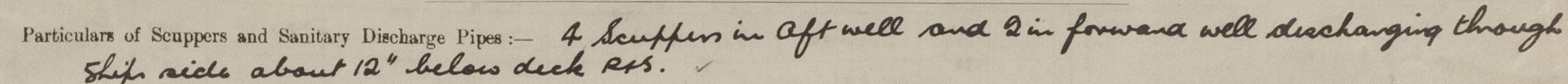
| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
|---|-----------|---------|----------------------|---------|---|------------------|-----------------|-------------------|
| Poop Bulkhead ... | ✓ | 8/20 | 8" x 3 1/2" x 9/20 | 27" | Amalgamated Top & Bottom | None | ✓ | 7-6 |
| Raised Quarter Deck Bulkhead ... | ✓ | | | | | | | |
| Bridge, After Bulkhead ... | ✓ | 9/20 | 5 x 3 x 8/20 | 36" | None | 3 @ 4-8" x 2-6" | 20" / 28" | 7-6 |
| Bridge, Forward Bulkhead ... | ✓ | 8/20 | 8" x 3 1/2" x 2 1/2" | 28" | Lug at Top & Bottom 4 with 10/16 Top & Bottom | ✓ | ✓ | 7-6 |
| Forecastle Bulkhead ... | ✓ | 9/20 | 3 x 3 x 9/20 | 36" | None | 5'-0" x 2'-0" | 18" | 7-1 1/2 |
| Trunk, Aft ... | | | | | | | | |
| Trunk, Forward ... | | | | | | | | |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | Pump Room | 9/20 | 4 x 2 1/2" x 9/20 | 27" | None | 5'-0" x 2'-0" | 18" | 9'-2" |
| Exposed Machinery Casings on Superstructure Decks ... | ✓ | 9/20 | 4 x 3 x 9/20 | 28" | None | 4'-8" x 2'-0" | 18" | 6'-4" |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | ✓ | | | | | | | |
| Deckhouses on Flush Deck Ships ... | ✓ | | | | | | | |

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

| | |
|---|---|
| Poop Bulkhead ... | no openings. |
| Raised Quarter Deck Bulkhead ... | ✓ |
| Bridge, After Bulkhead ... | 3 steel hinged doors - manipulated from both sides. |
| Bridge, Forward Bulkhead ... | no openings. |
| Forecastle Bulkhead ... | Hinged hardwood doors - manipulated from both sides |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | Pump Room - Steel hinged door - manipulated from both sides |
| Exposed Machinery Casings on Superstructure Decks ... | Hinged steel doors - manipulated from both sides. |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | ✓ |
| Deckhouses on Flush Deck Ships ... | ✓ |

San Tirso

Particulars of Gangway Cargo and Coaling Ports:—



Particulars of Side Scuttles:—

Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :—

Stokehold Gratings fitted with strong steel hinged covers.

Fidley, furnace and ventilators in Efficient condition.

Engine Room skylight of steel, strongly constructed.

Particulars of Flush Bunker Scuttles :—

have

Particulars of Companionways:— *Stand Side Roof. Steel Companionway.*

4'6" x 29" x 32" x 5'9" High with hard wood door manipulated from both sides. 18" sill. ✓

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :—

Structural of Ventilation in exposed positions of treeboard and superstructure dec

| | | | |
|-----------------------|-----------------------|---------|-------------|
| <u>Treecandle Dk.</u> | 1 @ 10" Dia | Coaming | 30" x 1/4." |
| | 4 @ 10" Dia | " | 36" x 32." |
| " | 1 @ 15" " | " | 36" x 38" |
| | 6 @ 7" " | " | 9" x 1/4." |
| | 1 @ 6" " | " | 36" x 30 |
| <u>Treeboard Dk.</u> | 3 @ 12" " | " | 36" x 38" |
| | 1 @ 15" " | " | 36" x 38" |
| | 4 @ 7" " | " | 30" x 30 |
| | 2 @ 7" " | " | 30" x 30 |
| | 5 @ 7" " | " | 9" x 1/4." |
| | 2 @ 8" " | " | 30" x 32." |
| | 1 @ 15" " | " | 38" x 40." |
| <u>Poof Dk.</u> | 1 @ 6" Mushroom Vent. | | 6" Coaming. |

Coamings of best Iron M.S.
provided with wood plugs
& canvas covers for rough weather
protection.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks :—

Forecastle Deck. 3 @ 2 1/2" dia 12" high from Oil Fuel & water Ballast Tanks.
 Foreboard Deck 2 @ 5" dia 24" " " Hoffendorn-Lord
 2 @ 2" " 36" " " " "
 2 @ 6" " 48" " " " off.
 2 @ 2" " 6'-0" " " " "
 Pool Deck. 4 @ 4" " 6'-9" " " of Bunkers ✓

Height measured to
openings
wood plugs & gauge
fitted over openings

Vertical distance of Sill of lowest Side Scuttle above top of keel

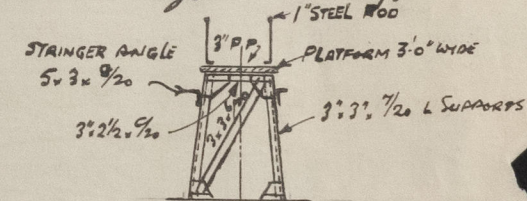
Particulars of Guard Rails :—

Guard Rail slanchions on Roof Deck 3'-8" high 4'-8" apart average
and fitted with 2 rails.

Quana Rail slanchions on Bridge Abk 3'-3" high 4-8 apart average and fitted with 3 Rails.

Guard Rail stanchions on Tele Pk 3'-0" high, at 8' span average and fitted with 2 rails.

Particulars of Gangways, Lifelines, etc.:— Fore and Aft Gangway fitted from Poot to Bridge and from Bridge to File Ake supported by steel angle bars $3 \times 3 \times \frac{7}{8}$ spaced about 10' 0" apart with occasional diagonal bracing, single bar of similar scantling. Efficient brackets fitted to top and bottom of supports. Platform 3" Rileh line supported by $3 \times 2 \frac{1}{2} \times \frac{7}{8}$ steel angle bars. Rail stanchions 2' 10" high spaced about 5' 0" apart with angle Guard rail of steel bar 1" dia



Particulars of Freeing Arrangements.

| Particulars of Freeing Arrangements. | | | | | | |
|--------------------------------------|-------------------|-------------------|--|------------------|----------------|---------------------|
| | Length of Bulwark | Height of Bulwark | Size of Freeing Ports | Number each side | Area each side | Rule area each side |
| After Well | 138' 6" | 3' 8" | 3 @ 36" x 16" 13 @ 21" Deep, Total length 59' 2 1/2" | 16 | 130.42 sf | 124.25. |
| Forward Well | 112' 0" | 3' 8" | 1 @ 36" x 16" 11 @ 21" Deep, Total length 49' 2" | 12 | 102.32 sf | 100.5. |

State position of each freeing port { After Well :—
(F. and A. position and height above deck edge) 12" { Forward Well :—

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | | | | | |
|--|----------------------|-------------------|-------------------------|-------------------------------------|--------------------------|-----------------------------|-----------------------|----------------------------|---------------|---------------|---------------|---------------|--|
| | | O.T. | | O.T. | | WT | | | | | | | |
| Description of Hatchway | | Forecastle Hk. | No. 1 Cargo Hatchway | No. 1 Cargo Hatch Small Hatch | Oil Tanks Total 20 | Summer Tanks Total 12 | Pump Room Hatch | Pump Room Fore Hatch | C/Dam | Roof 3@ | Roof 2@ | Roof 1@ | |
| Dimensions of Hatchway | | 4'-0" x 3'-0" | 10'-1/2" x 11'-8" | 4'-0" x 4'-0" | 4'-0" dia. | 6'-0" x 3'-0" | 2'-5" x 2'-5" | 4'-6" x 6'-6" | 2'-8" x 1'-9" | 6'-0" x 2'-6" | 6'-0" x 2'-6" | 2'-9" x 2'-9" | |
| COAMINGS | Height above Deck | 18" | 30 | ✓ | 10" | 30" | 30 | 34 | 6'3 1/2" L | 30" | 30 | 6'3 1/2" L | |
| | Thickness | .3 | .35 | { 6'3" x 40L } | { 3/4 } | .4 | .3 | .4 | | .3 | .3 | | |
| | Sides | .3 | .35 | | | | | | | | | | |
| | Stiffeners | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | |
| Brackets, Stays | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| HATCH BEAMS | Number | | 1 | | | | | | | | | | |
| | Spacing | | | | | | | | | | | | |
| | Scantling and Sketch | ✓ | I | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Bearing Surface | | | 12'5" x 35 | | | | | | | | | | |
| FORE AND AFTERS | Number | | | | | | | | | | | | |
| | Spacing | | | | | | | | | | | | |
| | Unsupported Lengths | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Scantling* and Sketch | | | | | | | | | | | | | |
| Bearing Surface | | | | | | | | | | | | | |
| HATCH COVERS | Material | W. Rims | Steel | Steel | Steel | Steel | W.T. Steel | Steel | Steel | W. Rims | Steel | Steel | |
| | Thickness | 2 3/4 | .40 | .6 | .40 | .50 | .50 | .50 | .4 | 2 3/4 | .4 | .4 | |
| | How fitted | F 2 A | ✓ | Hinged Bolt | Hinged Bolt | Hinged Bolt | Hinged Bolt | Hinged Bolt | Hinged Bolt | ATHes | Hinged Bolt | Hinged Bolt | |
| | Bearing Surface | 2 1/2 | | Hinged Bolt | Hinged Bolt | Hinged Bolt | Hinged Bolt | Hinged Bolt | Hinged Bolt | 2 1/2 | Hinged Bolt | Hinged Bolt | |
| Spacing of Cleats | | 18" | Nuts + | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 20" | ✓ | ✓ | |
| Number of Tarpaulins | | 2 | Bolts | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | ✓ | ✓ | |
| *Are wood fore and afters steel shod at all bearing surfaces? ✓ | | | | | | | | | | | | | |
| Are battens and wedges efficient and in good condition? yes | | | | | | | | | | | | | |
| Are tarpaulins in good condition and in accordance with rule requirements? yes | | | | | | | | | | | | | |
| Are lashings provided in accordance with rule requirements? ✓ | | | | | | | | | | | | | |

Particulars of any special features:—

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.

