

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name "HAVSTRAND"

Port of Survey BERGEN

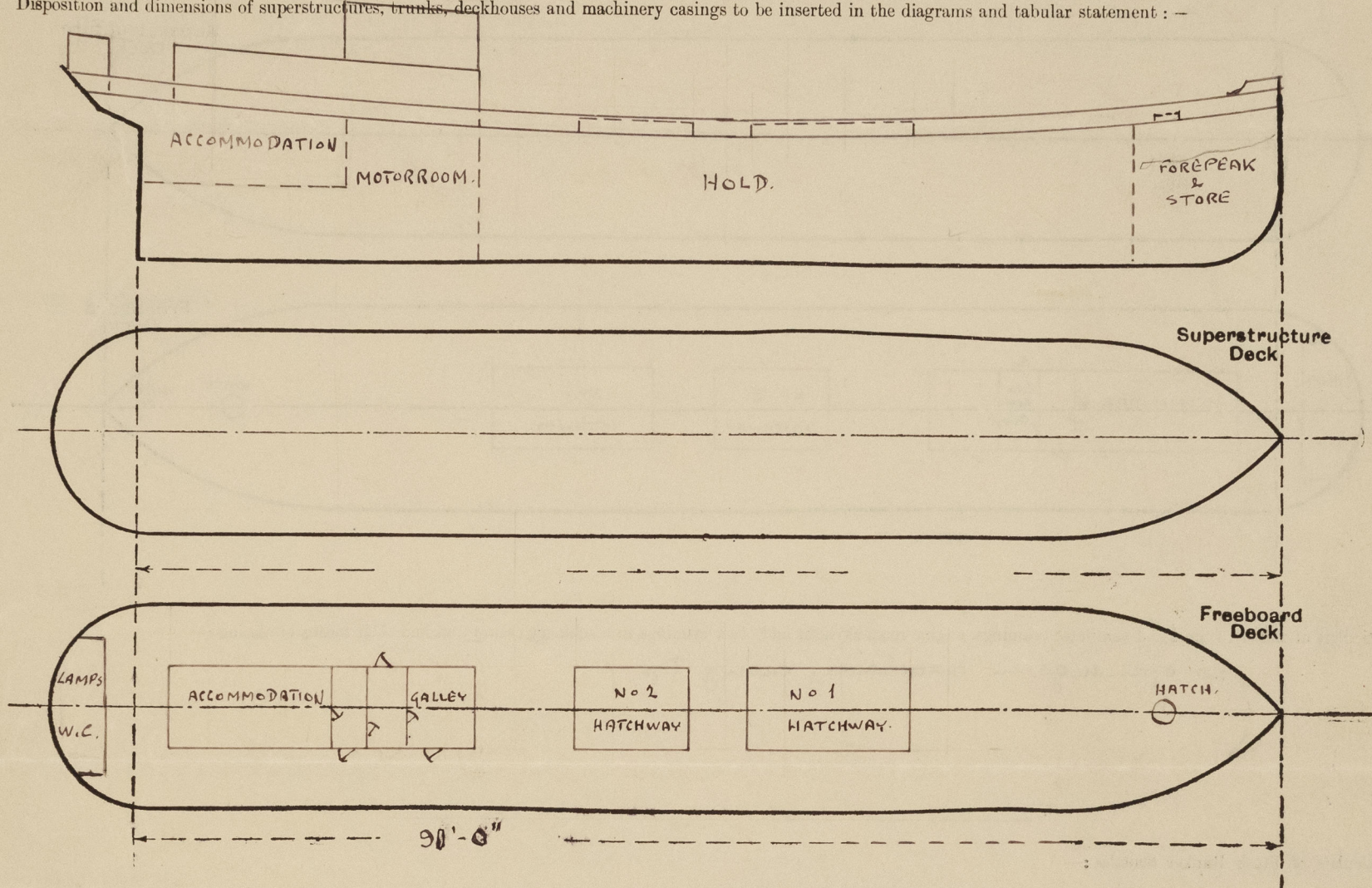
Official Number ✓

Surveyor's Signature S. A. Ride

Nationality and Port of Registry NORWEGIAN, BERGEN.

Date of Survey 25th. October 1949.

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.

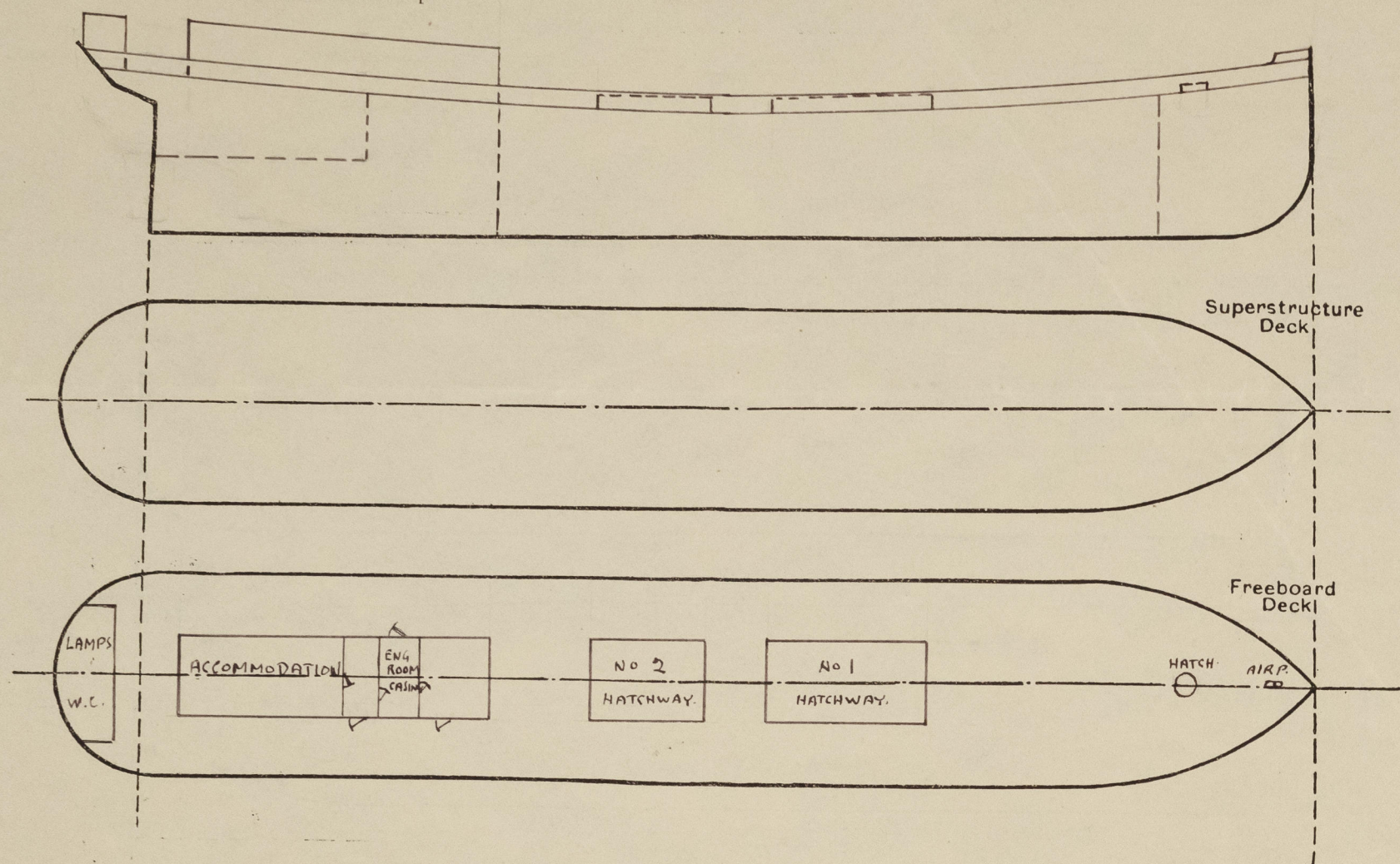
| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
|--|---------|--|----------------------------------|---------|-------------------------------|------------------|-----------------|-------------------|
| Poop Bulkhead | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Raised Quarter Deck Bulkhead ... | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bridge, After Bulkhead | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bridge, Forward Bulkhead | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Forecastle Bulkhead | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Trunk, Aft | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Trunk, Forward | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | ✓ | .20" | 2" Flats x 3/8" & 2" x 2" x .20" | 24"-31" | None | 20" x 3'-8" | 25" ✓ | 6'-7" |
| Exposed Machinery Casings on Superstructure Decks | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Deckhouses on Flush Deck Ships ... | | Fore end .20" 2" x 3/8" FLATS AFT " 2" PINE PLANKING VERTICAL | 24"-30" | ✓ | None. | 20" x 3'-8" | 25" ✓ | 6'-7" |

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

| | |
|--|---|
| Poop Bulkhead | ✓ |
| Raised Quarter Deck Bulkhead ... | ✓ |
| Bridge, After Bulkhead | ✓ |
| Bridge, Forward Bulkhead | ✓ |
| Forecastle Bulkhead | STEEL . accept as no hbl. required . |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | 1 1/2" teak doors . Ordinary doorknobs. Can be manipulated from both sides. |
| Exposed Machinery Casings on Superstructure Decks | |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances | |
| Deckhouses on Flush Deck Ships ... | - " - - " - - " - - " - |

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



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

No openings in machinery casing tops.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

None.

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

None.

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

1 - 28" x 4 3/4" diameter gooseneck to forepeak. 50" thick. wood plug provided.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

*None.
No deckboard discharges from below the freeboard deck.
No discharges from spaces below the freeboard deck.*

Particulars of Side Scuttles:—

None.

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

✓

Particulars of Guard Rails:—

On Boatdecks: 3 ball stanchions 3'10" apart. 3 through rods. ✓

Particulars of Gangways, Lifelines, etc.:—

None.

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 ... | 91'-6" | 33 3/4" | 31" x 11" | 4 | 9.2 sq. ft. + 7.2 | 12.8 |
| Forward Well ... | | | | | 16.4 | |

State position of each freeing port ... After Well:— 15'-7" forward of midships, 2'-0", 18'-9" & 35'-4" abaft midships.

(F. and A. position and height above deck edge) Forward Well:—

Lower edge of ports level with decks.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— Shutters fitted (not balanced type: 1 rod fitted). The bulwark paneling does not extend down to deck thus leaving openings between bulwark stanchions.

Additional area where sheer is less than standard. 1" High.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | |
|--|------------------|-----------------------|--|--|--|--|--|
| Description of Hatchway | No. 1. | No. 2. | TO STORE FORWARD AND FOREPEAK. | | | | |
| Dimensions of Hatchway | 13'-11" x 7'-4" | 8'-3 1/2" x 7'-4 1/2" | 19 1/2" DIA. | | | | |
| COAMINGS { Height above Deck | 25" | 24 1/2" | 8" 5 | | | | |
| Thicknes { Sides | 5" PINE | 4" PINE | .50" | | | | |
| Ends | 5" " | 4" " | | | | | |
| Stiffeners | NONE | NONE | NONE | | | | |
| Brackets, Stays | " | " | " | | | | |
| HATCH BEAMS { Number | | | | | | | |
| Spacing | | | | | | | |
| Scantling and Sketch | NONE | NONE | NONE | | | | |
| Bearing Surface | | | | | | | |
| FORE AND AFTERS { Number | 1 | 1 | | | | | |
| Spacing | On centerline | On centerline | | | | | |
| Unsupported Lengths | 13'-6" | 7'-11" | | | | | |
| Scantling* and Sketch | | | NONE | | | | |
| Bearing Surface | PINE 8 1/2" x 6" | PINE 8" x 6" | | | | | |
| HATCH COVERS { Material | PINE | PINE | STEEL 1/16" | | | | |
| Thickness | 2 1/2" | 2 1/2" | | | | | |
| How fitted | THWARTSHIP | THWARTSHIP | | | | | |
| Bearing Surface | 2 1/2" | 2 1/2" | | | | | |
| Spacing of Cleats | 20"-22" | 22"-24" | NONE | | | | |
| Number of Tarpaulins | 2 | 2 | WATERTIGHT - rubber padding 4 triangles | | | | |
| <p>*Are wood fore and afters steel shod at all bearing surfaces? No.</p> <p>Are battens and wedges efficient and in good condition? Yes.</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes.</p> <p>Are lashings provided in accordance with rule requirements? No YES</p> | | | | | | | |

Particulars of any special features:—

No special features.

Bergen 26th. October 1949
S. A. Ride

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.

gw.



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