

Lloyd's Register of Shipping.

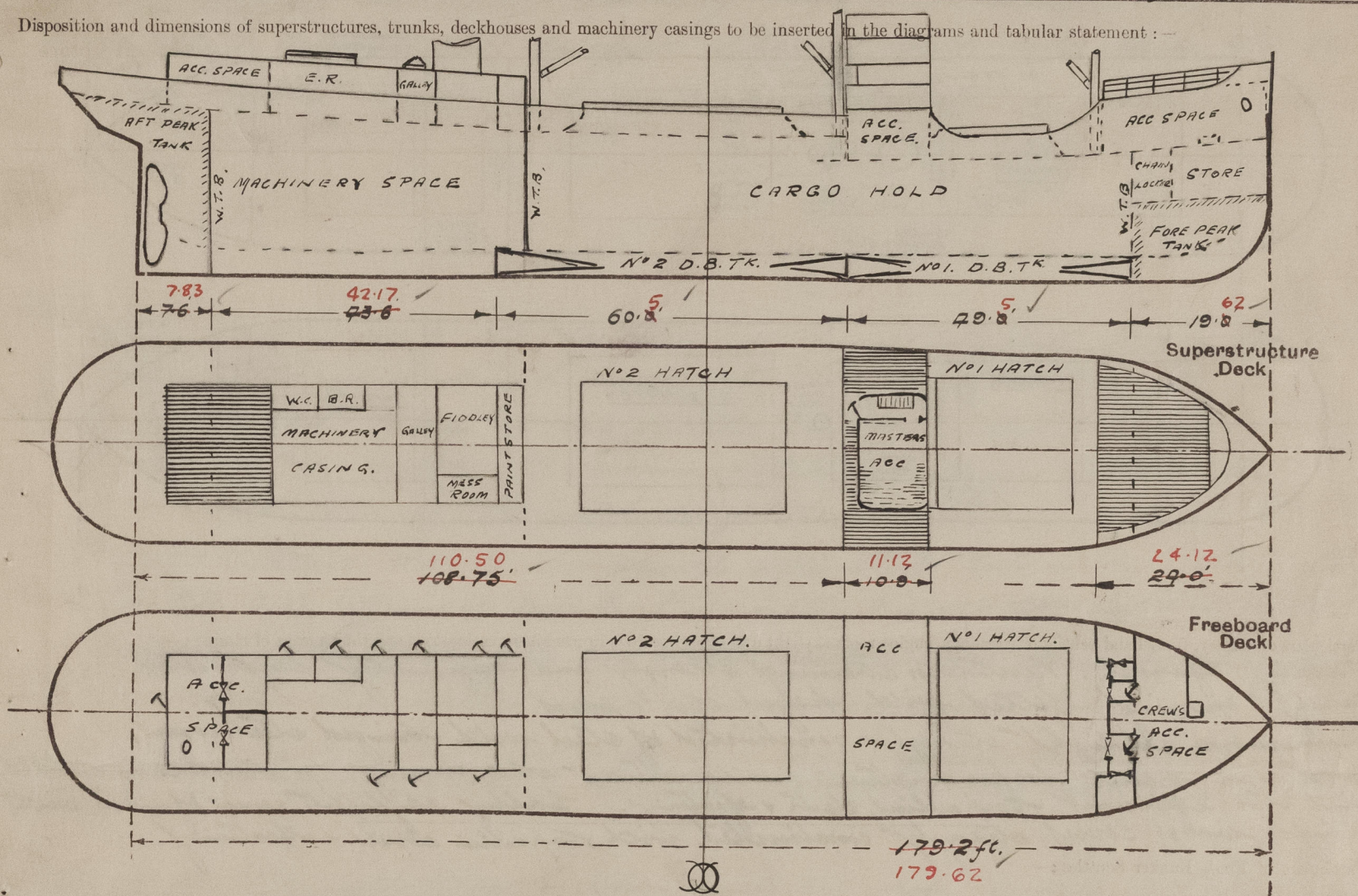
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

 Index No. **29375**
 (For London Office only).

Ship's Name **M.S. "STORM"** Port of Survey **Dundee, N.Z.**
 Official Number **144927** Surveyor's Signature **Ed. W. Martin**
 Nationality and Port of Registry **British, Lyttelton, N.Z.** Date of Survey **2nd. February 1946.**

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.

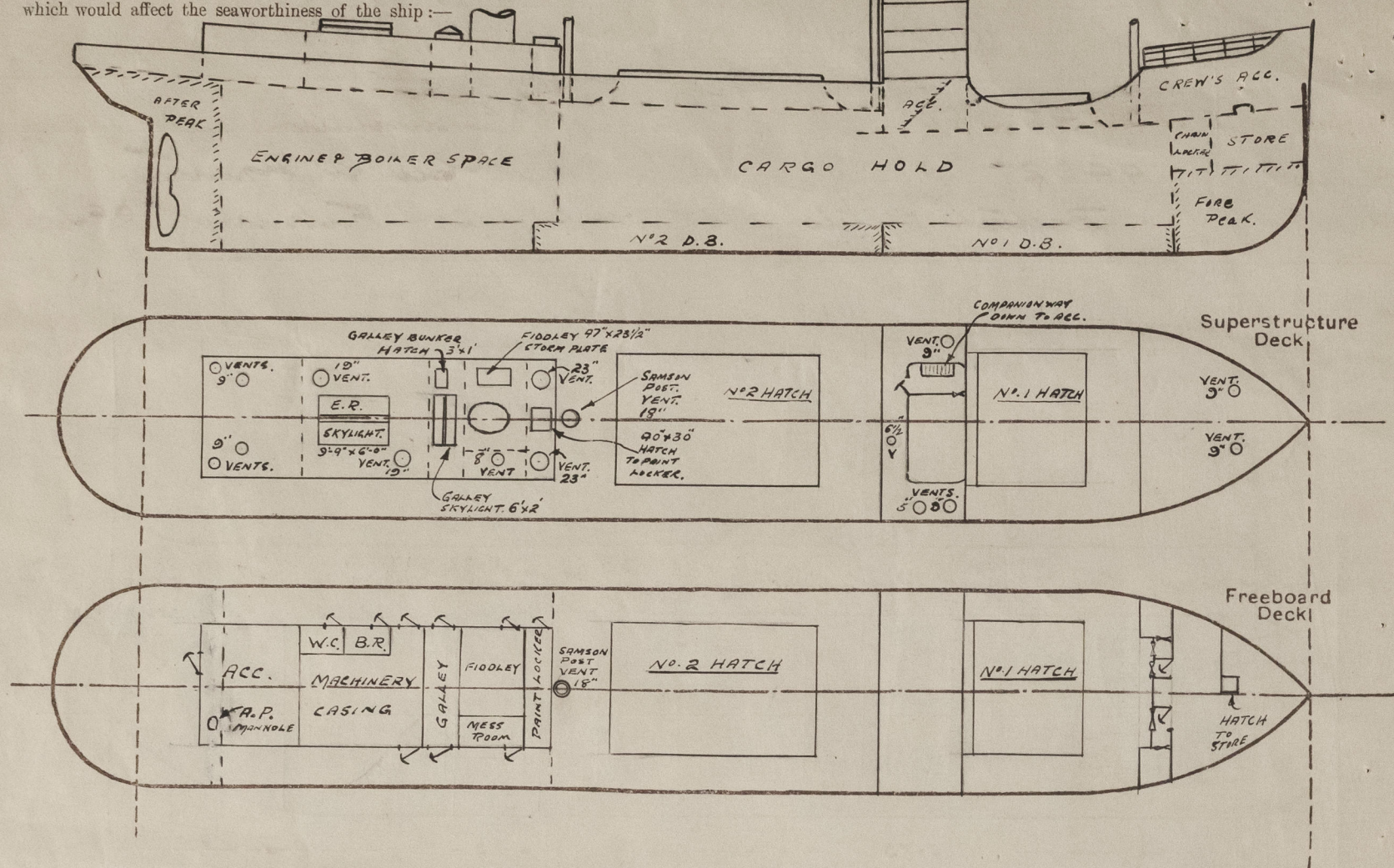
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead ...	.375"	.31"	6" x 3 1/2" x 1/2" B.A.	27"	Brackets top & bottom	✓	✓	4.0'
Bridge, Forward Bulkhead ...	.375"	.31"	6" x 3 1/2" B.A.	29"	Brackets top & bottom	✓	✓	7.5'
Forecastle Bulkhead ...	.31"	.25"	3" x 2 1/2" x 5/8" B.A.	28"	Brackets top & bottom	5'-0" x 23 1/2" (THO)	22 1/2"	7.5'
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.31"	.25"	2 1/2" x 2 1/2" x 5/8" B.A.	26"	Brackets at top	4'-6" x 24" (NINE) 5'-0" x 24" (ONE)	24"	7.5'
Exposed Machinery Casings on Superstructure Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
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 ...	✓
Raised Quarter Deck Bulkhead ...	✓ No openings
Bridge, After Bulkhead ...	✓ No openings
Bridge, Forward Bulkhead ...	✓ No openings
Forecastle Bulkhead ...	Two hinged wooden doors
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Doors operated both sides
Exposed Machinery Casings on Superstructure Decks ...	Seven hinged steel doors, and three hinged wooden doors
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	operated both sides
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, gangways, 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:-

Fiddley, funnel & Ventilator coamings strongly and efficiently constructed Fiddley opening fitted with hinged steel cover. Engine room skylight strongly constructed of steel with hinged steel cover. Hatch over paint locker constructed with strong steel coaming, 2 1/2" hatch cover of wood with two efficient tarpaulins, cloth & fastenings. Galley skylight cover of wood, with hinged cover, cover, strongly constructed, with tarpaulin cover & fastenings.

Particulars of Flush Bunker Scuttles:-

None.

Particulars of Companionways:-

no companionways in exposed positions. one companionway in enclosed space on Bridge deck to accommodation in after end of main deck. One hinged wooden door on Bridge deck with height of sill = 15"

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

Forecastle Deck:- Two 9" dia., coaming 31" x 35" to crew's accommodation. Bridge Deck:- Two 3" dia., cast-iron mushroom type with screw down cover and rubber gasket, 12" x 13" high for accommodation. One 5" dia., cast-iron mushroom type, 9" in height. One 6 1/2" dia., coaming 31" x 32" to accommodation. Raised Quarter Deck:- One (Samaritan) 18" dia., coaming 37 1/2" x 24" x 5" to cargo hold. Machinery Casing Top:- Two 23" dia., coaming 25" x 9" x 9" to engine room. " " " One 8" dia., coaming 25" x 13" to crew's accommodation. " " " Two 19" dia., coaming 37 1/2" x 3" x 4" to engine room. " " " Four 9" dia., mushroom type with screw down cover 1/2" x 13" to accommodation. Wood plugs and canvas covers provided

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

Forecastle Deck:- One 2 1/2" dia., 30" above deck to Fire Peak Tank. Fwd. Well Deck:- Two 2 1/2" dia., 36" above deck to N°1. D.B. Tank. Bridge Deck:- Two 2" dia., 30" above deck to N°2. D.B. Tank. Raised Quarter Deck:- Two 2" dia., 36" above deck to N°2 D.B. Tank. " " " Two 2" dia., 39" above deck to after Peak. Machinery Casing Top:- Two 2" dia., 15" above casing top to Oil Fuel Tanks. Wood plugs and canvas covers provided.

Particulars of Gangway Cargo and Coaling Ports:-

None

Particulars of Scuppers and Sanitary Discharge Pipes:-

Forecastle:- Sanitary discharge pipe (9") and bathroom scupper (1 1/2") carried through ship side above main deck and fitted with G.M. storm valve and trap. R. Q. Deck:- Sanitary discharge pipe (4"), bathroom scupper (1 1/2") and galley scupper (2 1/2") carried through ship side, below R. Q. Deck, and fitted with G.M. storm valve and trap. Scuppers fitted on freeboard & raised quarter decks.

Particulars of Side Scuttles:-

Forecastle:- Six 9" dia., scuttles, G.M. frames of substantial construction and fitted with hinged deadlights. (In way of crew's quarters). Bridge Fore End:- Three 12" dia., scuttles, and one 10" dia., also one 12" dia., in Bridge fore end, in way of accommodation, G.M. frames of substantial construction and fitted with hinged deadlights. Engine Room:- One 9" dia., scuttle, after Starboard side in way of Starboard (below R. Q. Deck) G.M. frame of substantial construction and fitted with hinged deadlight. Accommodation aft. R. Q. Deck:- Six 9" dia., scuttles, G.M. frames of substantial construction and fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 19'-0" (Engine room Starboard side aft.)

Particulars of Guard Rails:- Forecastle Deck:- Open rails, 3'-6" high - 3 rails with standard spread an average distance of 5'-0" apart. Fwd. Well Deck:- Steel bulwark 3'-6" high & efficiently supported and fitted with guying ports of ample area. Bridge Deck:- Steel bulwark 3'-6" high and efficiently supported. R. Q. Deck:- Steel bulwark 3'-6" high, & efficiently supported, fitted with guying ports of ample area.

Particulars of Gangways, Lifelines, etc.:- With ladderway openings permitting drainage to the freeboard and raised quarter decks. Lifelines provided and with fastenings for securing same.

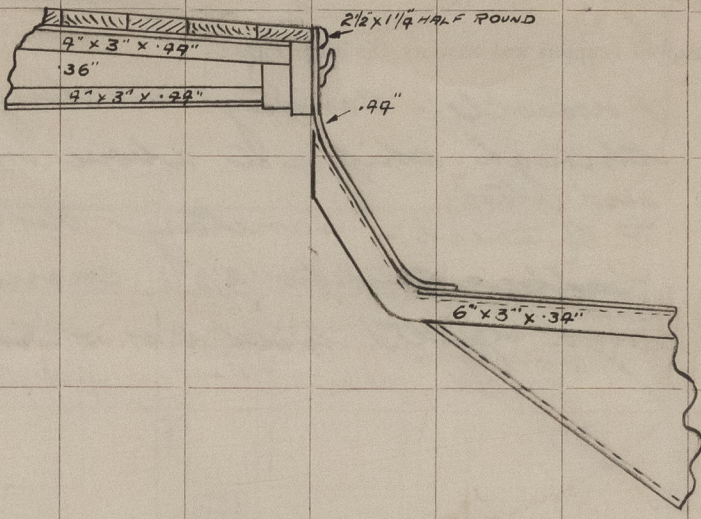
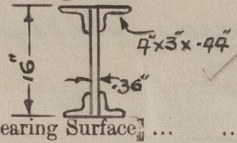
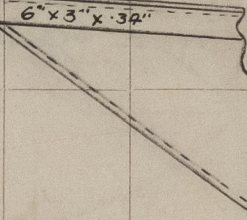
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
R. Q. Deck After Well	110.50' 150-0'	92"	(a) 18" x 4'-0" (b) 18" x 2'-0"	(a) Four (b) Two	30.00'	22.10' 30-0'
Forward Well	33.88' 34-9"	92"	18" x 4'-0"	Two	12.00'	9.89' 10-0'

State position of each freeing port ... (R. Q. Deck After Well:- From after end of Bridge at a distance of 8', 38', 47', 56', 67' and 89' (F. and A. position and height above deck edge) Forward Well:- From 15' cl. B head 13-5", and after on, 8'-0" aft of Bridge Fore End. Bottom edge 12" above deck. Bars, 1 1/2" x 3/4" diameter.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.				
Main Deck P.O.B.				
Description of Hatchway	No. 1	No. 2	INSIDE FORECASTLE	
Dimensions of Hatchway	8'-0" x 27'-10"	8'-0" x 38'-5"	SMALL	
COAMINGS	Height above Deck ... 3'-6" Thickness ... .44" Stiffeners ... .44" Brackets, Stays ... -	Height above Deck ... 3'-6" Thickness ... .44" Stiffeners ... .44" Brackets, Stays ... -	9"	
HATCH BEAMS	Number ... 5 Spacing ... 4'-6" Scantling and Sketch ...  Bearing Surface ... 4"	Number ... 7 Spacing ... 4'-9" Scantling and Sketch ...  Bearing Surface ... 4"		
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...	none		
HATCH COVERS	Material ... Oregon Pine Thickness ... 3" How fitted ... Fit & aft Bearing Surface ... 4"	Material ... Oregon Pine Thickness ... 3" How fitted ... Fit & aft Bearing Surface ... 4"	HINGED STEEL WATER-TIGHT.	
Spacing of Cleats	24"	24"		
Number of Tarpaulins	2	2		
*Are wood fore and afters steel shod at all bearing surfaces? <i>none fitted</i> Are battens and wedges efficient and in good condition? <i>yes</i> Are tarpaulins in good condition and in accordance with rule requirements? <i>yes</i> Are lashings provided in accordance with rule requirements? <i>yes</i> <i>Special locking bars fitted to No. 1 hatch.</i>				

Particulars of any special features:—

*Hatch in fore closed with class 2 appliances
coaming 9" etc*

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.

*Ed. W. Martin
2nd. February 1946.*



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