

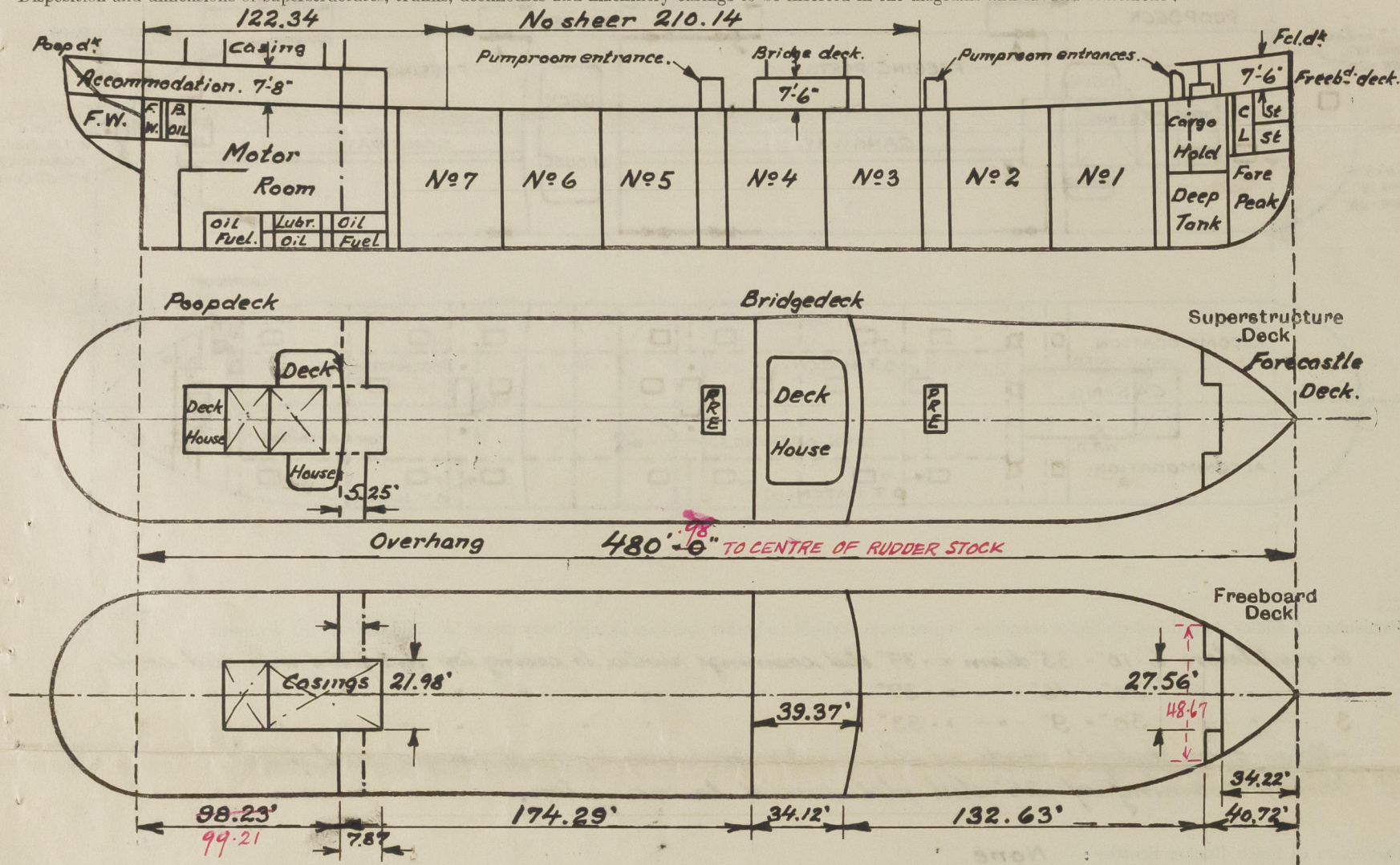
# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

Ship's Name *M/T "LUCELLUM"*Port of Survey *Odense - Denmark.*Official Number *✓ 166225*Surveyor's Signature *S. Sanderson*Nationality and Port of Registry *British.*Date of Survey *25th November 1938.*

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 ... ..	.43" ✓	.43" ✓	10" x 3 1/2" x 39' ✓	24" - 30" ✓	Brackets and Lugs	None	—	—
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, After Bulkhead ... ..	.39" ✓	.35" ✓	7" x 3" x 35' ✓	32" - 32 1/2" ✓	Lugs	Two 4'-1" x 3'-1" ✓	18 1/4" ✓	—
Bridge, Forward Bulkhead ... ..	.43" ✓	.43" ✓	9" x 3 1/2" x 45' ✓	32" - 32 1/2" ✓	Brackets	One 4'-9 1/2" x 28 1/2" ✓	18 1/4" ✓	—
Forecastle Bulkhead ... ..	.35" ✓	.35" ✓	7" x 3" x 35' ✓	27 1/2" - 29 1/2" ✓	Lugs	Two openings 4'-1" x 3'-1" W.T. doors 2 off. 4'-9 1/2" x 23" ✓	19" ✓	—
Trunk, Aft ... ..	—	—	—	—	—	—	—	—
Trunk, Forward ... ..	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.44" ✓	.44" ✓	10" x 3 1/2" x 44' ✓	26" ✓	Brackets & Lugs	None	—	7'-6" ✓
Exposed Machinery Casings on Superstructure Decks ... ..	.37" ✓	.33" ✓	3 1/8" x 2 1/2" x 27' ✓	31 1/2" ✓	Brackets at Top None at Floor.	hinged st. door each side 4'-10" x 23" ✓	19" ✓	11'-3 1/4" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	—	—	—	—	—	—	—	—
Pumproom casing on Freeboard Deckhouses on Flush Deck Ships ...	.33" ✓	.33" ✓	4 1/2" x 2 1/2" x 27' ✓	33" ✓	None	One in each 4'-9" x 33" ✓	18" ✓	7'-6" ✓

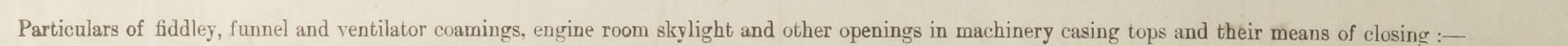
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ... ..	No opening
Raised Quarter Deck Bulkhead ...	—
Bridge, After Bulkhead ... ..	Two tonnage openings with 2 1/2" wood planks in riveted channels, full height. ✓
Bridge, Forward Bulkhead ... ..	One W.T. hinged stulldoor capable of being manipulated from both sides. ✓
Forecastle Bulkhead ... ..	Two tonnage openings with 2 1/2" wood planks in riveted channels, full height. Two W.T. doors. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	One hinged stulldoor in each casing capable of being manipulated from both sides. ✓
Exposed Machinery Casings on Superstructure Decks ... ..	Hinged stulldoors in halves capable of being manipulated from both sides. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	—
Deckhouses on Flush Deck Ships ...	—



M/T. Lucillum.

Particulars of Gangway Cargo and Coaling Ports:— *None.*



2	—	—	30° x 16° - - - x . 37°	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3	—	—	30° x 9° - - - x . 33°	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

*Funnel coaming of .25" steel plate riveted to casing top.*

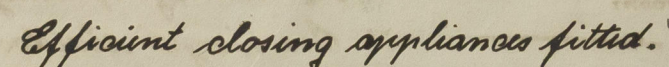
Particulars of Companionways:— Two pumproom casings made of .33" steel plates, riveted to foreboard deck, with W.T. steel skylight on top. Hinged W.T. steel doors, capable of being manipulated from both sides, height of sill of doorways 18".

Companion to fwd. pumproom made of 3" steel plates, riveted to foreboard deck, hinged W.T. stulldoor, height of sill of doorway 16".

Poop deck.	2	30" x 8" diam.	x	31"	✓
"	2	30" x 9"	"	x 34"	✓
"	7	30" x 10"	"	x 34"	✓
"	1	30" x 12"	"	x 34"	✓
"	2	10' 2" x 15"	"	x 36" stiffened by brackets to	
Boat deck aft.	2	30" x 6"	"	x 36"	✓
"	4	30" x 9"	"	x 34"	✓
"	1	30" x 10"	"	x 34"	✓
"	2	30" x 12"	"	x 34"	✓
Freeboard deck.	4	21' 8" x 21"	"	x 43" constructed as derrick	✓
"	2	36" x 12"	"	x 34"	posts. ✓
Bridge deck.	1	30" x 9"	"	x 34"	✓
"	2	30" x 12"	"	x 34"	✓
Forecastle deck.	2	36" x 12"	"	x 34"	✓

All ventilators coamings riveted to steel duck, properly stiffened where necessary. - Fitted with steel cowls, wood plugs and canvas covers. ↓

$H = 19\frac{3}{4}"$  on superstructure decks.



Particulars of Side Scuttles:— *No side scuttles below freeboard deck.*

Forecastle. 10" side scuttles with  $\frac{3}{8}$ " securit glass and hinged steel deadlight.

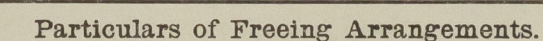
Bridge.	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"
Poop.	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"

Vertical distance of Sill of lowest Side Scuttle above top of keel 41'-0"

Particulars of Guard Rails:— *Open rails on part of foreboard deck 4'-0" high stul stanchions spaced ab. 4'-7" 4 stul rods equally spaced. Stul bulwark remaining part 4'-0" high, .26" thick with railbar 7'-3"-51° 5 stays T 7'-3"-35" with 3'-3"-35" L spaced two framespaces.*

Open rails on forecastle - and bridge deck 42" high, on poop deck 44" high steel stanchions spaced at 4'-7"  
3 steel rods equally spaced. - Steel bulwark at sides and front of bridge deck 42" high - 2 1/2" thick, rail bar 7-3" - 515, stays 4'-0" apart.

gangway between poop and bridge and between bridge and forecastle: - Plankings as per sketch. - Rail stanchions of steel 43" high spaced 7'-10 1/2". Two steel rods.



State position of each freeing port ... { After Well :— *Framas: 44, 94, 107*  
(F. and A. position and height above deck edge) { Forward Well :— *122, 162* } *height above deck 15" and 12 3/4". ✓*

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *3 vertical rods equally spaced.* ✓

Additional area where sheer is less than standard.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway ... ..			Oiltight Hatchways.			Oiltight Hatchways.			Gastight Hatch to dry cargo Hold forward.		
Dimensions of Hatchway ... ..			Center and sides.			Bunkers.			Coff. aft		
			5'-3" x 4'-0 1/2" on freeboard deck.			29' x 27 1/2"			29' x 29"		
COAMINGS	{	Height above Deck ... ..	12"			12"			12"		
		Thickness ... ..	.50"			.39"			.39"		
		Stiffeners ... ..	None			None			None		
		Brackets, Stays ... ..	(Coamings 12" x 3 1/2" x .50" C) ✓			None			None		
HATCH BEAMS	{	Number ... ..	None.			None			None		
		Spacing ... ..									
FORE AND AFTERS	{	Scantling and Sketch ... ..	None.			None			None		
		Number ... ..									
		Spacing ... ..	None.			None			None		
		Unsupported Lengths ... ..									
HATCH COVERS	{	Scantling* and Sketch ... ..	steel plate.			steel plate.			steel plate.		
		Material ... ..									
		Thickness ... ..	.70"			.39"			.33" with 6" x 3" x .41" stiffeners spaced 30"		
		How fitted ... ..									
HATCH COVERS	{	Bearing Surface ... ..	hinged and packed oiltight.			bolted and packed oiltight			packed gastight.		
		Material ... ..									
Spacing of Cleats ... ..			No cleats - screwing down bolts spec. 14"			None.			No cleats - bolts spaced 30"		
Number of Tarpaulins ... ..			None			None.			None.		
*Are wood fore and afters steel shod at all bearing surfaces ?											
Are battens and wedges efficient and in good condition ?											
Are tarpaulins in good condition and in accordance with rule requirements ?											
Are lashings provided in accordance with rule requirements ?											

Particulars of any special features:— *Combined longitudinal and transverse framing system. ✓*  
*Two longitudinal bulkheads.*

*On approximate load line : ab. 28'-0"*  
*Extreme displacement : 19830 Tons at 35 cub. ft.*  
*Tons per inch immersion : 65 Tons at 35 cub. ft. ✓*

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.



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