

NEWCASTLE-ON-TYNE

Port of Survey
Date of Survey
Name of Surveyor

Particulars of Classification.

+ 100 A1 carrying petroleum in bulk
 Long Fracking (Contemplated)
 Brackletless system.

Moulded Depth as measured.....
- Pale wood dk less stringer
 Addition for Keel below base line
 for draught record.....inches.

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	520-	
Length in Table	461.75-	
Difference	58.25-	
Correction for 10ft., Table A.	1.7 -	Table C. 8 -
× Difference divided by 10	9.90 ✓	(if required.) 4.66 ✓
If $\frac{5}{16}$ ths length covered divide by 2	+ 10" -	+ 4.3/4

CORRECTION FOR IRON DECK. *No wood deck.*

Proportion covered, if less than $\frac{7}{10}$ ths length covered *corrected for in mild depth*
 Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

NOTE. — The round of beam should be reported on the full breadth of vessel at the gunwale.

Breadth at Gunwale amidships.....
Round of Beam..... $17\frac{3}{4}"$ IN FULL BEAM OF 70'
Normal round..... $17\frac{1}{2}$
Difference $\frac{1}{4}$ $\div 2 = \frac{1}{8}$
Proportion of Deck uncovered (Para. 19) : 834
: 10

Freeboard, Table A	113.16	11' 1 1/4"
Correction for Sheer	- 9.20	- 9 1/4"
	123.96	10' 4"
Correction for Length	+ 9.90	+ 10"
	133.86	11' 2"
Allowance for Deck Erections	- 5.81	- 5 3/4"
	128.05	10' 8 1/4"
Correction for Round of Beam.....	+ 1.0	v
	128.15	

Correction for fall in Sheer (if any).....

Correction for Steel Deck (if required) *allowed in mid depth*

Additions for non-compliance with provisions of } }

Para. 11 (d) and (e) ‡


Other Corrections (if any)

Winter Freeboard	10'-8"
Summer Freeboard (7'-8") 7 1/4"	10'-1" ✓
Indian Summer Freeboard	9'-5 3/4"
N. A. Winter Freeboard	✓

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the ~~wood~~ or steel deck with side. } + 1 3/4 ✓

Winter Freeboard from deck line	10'-10"
Summer " " " "	10'-2 ³ / ₄ "
Indian Summer " " " "	9'-7 ¹ / ₂ "
N.A. Winter " " " "	✓

	Length.	Length allowed.	Height.
Forecastle INCH. ²⁴ / ₆ "	41.5	41.25	7.6"
Bridge House	40.0	40.00	7.6"
† Raised Or. Dr.	53.0	53.00	7.6
AFT BRIDGE			
POOP... NO. OVERHANG.		136.25	
Total		520	262.5
Length of Ship		520	
Corresponding percentage		16.35	
(Para. 11, 12, 13, or 14)			

FREEBOARD recommended  1 OCT 1980	amidships from centre of Disc to top of Statutory		
	Fresh Water Line	above	centre of Disc
	Indian Summer Line	"	" "
	Winter Line	below	" "
	Winter North Atlantic Line	"	" "

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

Vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

+ State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

$$FW = \frac{23555}{140 \times 77.42} = 7.61$$

9 OCT 1980

LONGITUDINAL FRAMING

Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House? Yes Forecastle? Yes

To what height do the Reverse Frames extend? AFT BRIDGE

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? yes, plating 44" x 40" stiffeners 10x3 1/2 x 40 BA 24" spacing, BKTS top & bottom

Give particulars of the means for closing the openings in Bulkhead 2 openings with hinged steel W.T. doors

Is the Poop or Raised Quarter Deck connected with the Bridge House? No Has the Bridge House an efficient Bulkhead at the fore end? yes

Give particulars of the means for closing the openings in Bulkhead 3 openings with hinged steel W.T. doors

What is the thickness of the Bridge Front plating? 44 and Coaming plate? 44

Give scantlings and spacing of the Stiffeners 10x3 1/2 x 40 BA spaced 2'-6" to 2'-9"

Are bracket plates fitted at each end of the Stiffeners? yes Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? yes

Has the Bridge House an efficient Iron Bulkhead at the after end? yes, plating 32 stiffeners 5 1/2 x 3 x 30 BA spacing 2'-6" to 2'-9"

How are the openings closed? 3 openings, 1 with hinged steel W.T. door, + 2 with bolted steel plates, hook bolts 12" spacing

Is the Forecastle at least as high as the main or top-gallant rail? yes Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? no sketch

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? covered by aft bridge house

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners.

What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below:— yes

Position.	No. ordinary fitted on U.D.K. for								
Size.	9' x 10'								
Height above top of DECK	2'-6"								
COAMING Thickness { Sides..... Ends..... }	44								
STIFFENERS ON JO PLATE COVER									
SHIFTING BEAMS OR JO PLATES	Number..... 4 @ 5x3x40 Section and Scantlings..... 1 @ 5x5x40 ANGLE Material.....								
* FORE AND AFTERS.	Number..... Section and Scantlings..... Material.....								
HATCHES Thickness	JO PLATE IN-T								
Remarks.....									

all other hatchways with steel plate oil tight covers
equal to rule requirements

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of keel to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

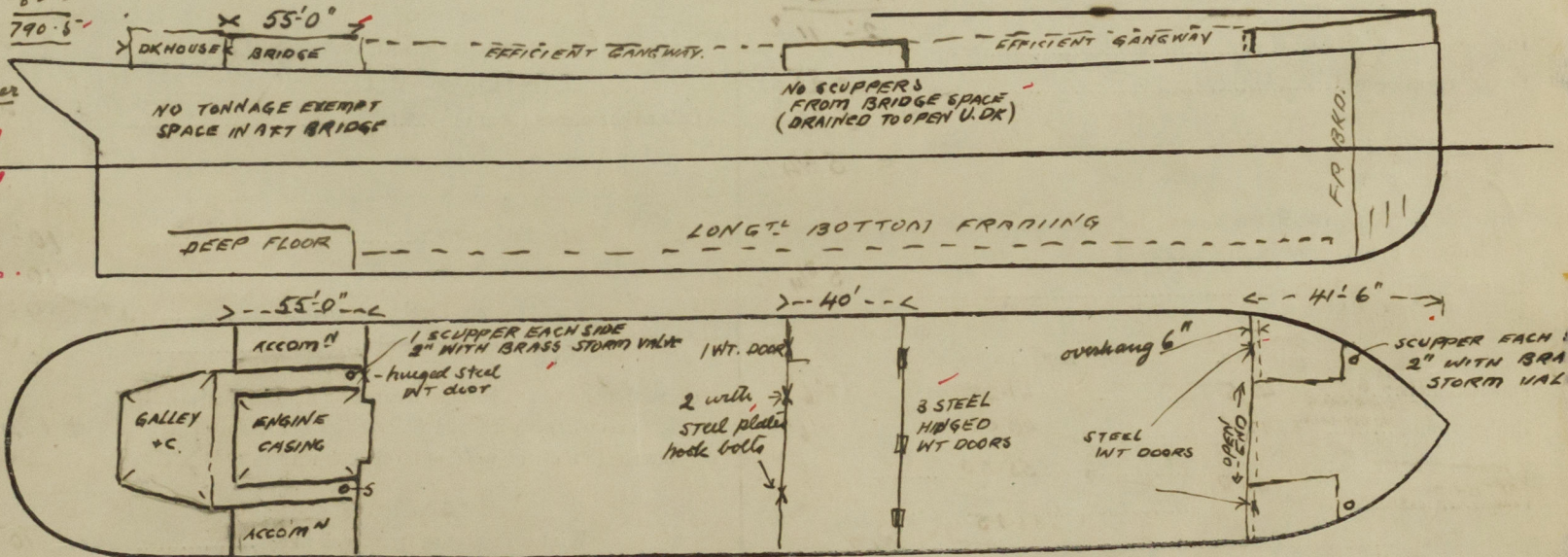
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well
Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.
Ft. Tenths. Ft. Tenths. No.
Freeing Ports (each side of vessel) = Sq. ft.
Total deficiency or excess = Sq. ft.

OPEN RAILS
NO BULWARKS

verified sheer
Stein - 137.5' 1 137.5'
7/8 - 72.0' 4 288.0'
3/4 - 28.0' 2 56.0'
5/8 - 4.25' 4 17.0'
1/2 - 0.0' 2 0.0'
3/8 - 1.0' 4 4.0'
1/4 - 13.75' 2 27.5'
1/8 - 43.00' 4 172.0'
A.P. - 88.5' 1 88.5'
790.5' = 99.81'

mean mid sheer
Mld. displacement at
Mld. draught equal
to 852 Mld. Depth
= 27.220 tons.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel Long Framing Bracketless System

Builder's name and yard number Palmers S.P. & Co. Ltd 910/1000

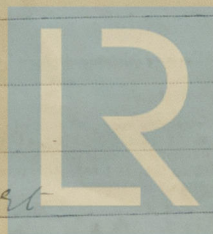
Names of sister vessels Standard Shipping Co.

Owners

Address

estimated Fee £ 14 : 3 : 4

Received by me See F.C. Report



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