

Nº 5878.

23 OCT 1924

Index No. 31482  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

1. COPY WRITTEN.

RETAIN

PARTICULARS IN RESPECT OF ~~STEAM~~ <sup>MOTOR</sup> SHIPS HAVING SPAR OR AWNING DECKS.  
 Messrs Gotaverken. Nº 362  
 Port of Survey GOTHENBURG.  
 Date of Survey 13<sup>TH</sup> AUG + 18<sup>TH</sup> OCT 1924  
 Name of Surveyor H. THOMSON

Ship's Name. <b>"PAJALA"</b>	Port of Registry and Nationality. <b>STOCKHOLM SWEDISH</b>	Official Number. <b>✓</b>	Gross Tonnage. <b>✓</b>	Date of Build. <b>1924-10</b>	Particulars of Classification. <b>100A1 SHELTER DS WITH FREEBOARD (CONTD)</b>
Number in Register Book <b>90262</b>					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	418.8	55.1	33.6	6423
Length on LOADLINE	405'-0"	Frame Depth 5.4 Rule " 7.0 -1.07 No spanning +3.31	Ceiling filled Sheer +.59 Level Tank -136.4	Peak Tanks } Incl'd Bull angle bottom framed aft -136.4
CORRECTED DIMENSIONS.	405.0	54.36	34.19	6286.6

Moulded Depth as measured ..... 29'-0" Main Deck.  
 " " " ..... 37'-6" Spar or Awning Deck.

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

Co-efficient of fineness ..... .835  
 Any modification necessary } - .035 C.D.B (60" deep)  
 [Para. 4 (a) to (e)\*] }  
 Co-efficient as corrected ..... .80 to Shelter Deck  
 .78 to Upper Deck.

CORRECTION FOR LENGTH:—  
 Length of Ship on Load Line.... 405.  
 Length in Table ..... 348  
 Difference..... 57  
 Correction for 10ft..... .7  
 × Difference ÷ 10 = 3.99 + 4"

Allowance for strength in excess of Lloyd's rules =

State particulars—  
 Sup hull angle framing  
 Strengthened transverse  
 2 complete steel decks

Height of 'Tween Decks..... 8'-6"  
 (From top of beam to top of beam at side)  
 Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table <del>D</del> C .....	4'-0"
Correction for Length.....	+ 4
	4'-4"
Correction for Height of 'Tween Decks in Spar-decked Ships.....	8'-6"
	12'-10"

Correction for Strength in excess of Lloyd's rules..... Table A limit - 2'-10 1/2"  
9'-11 1/2"

Correction for Iron Deck if required..... - 3 1/4"  
9'-8 1/4"

Other Corrections (if any).....  
 Winter Freeboard..... 9'-8 1/4"  
 Summer Freeboard..... 9'-1 3/4"  
 Indian Summer Freeboard..... 8'-7 1/4"  
 N. A. Winter Freeboard.....

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at inter-section of the ~~wood or iron~~ <sup>steel</sup> deck with side 1 3/4"

Winter Freeboard from Deck Line .....	9'-10"
Summer " " " .....	9'-3 1/2"
Indian Summer " " " .....	8'-9"
N. A. Winter <del>Freeboard</del> <sup>Steel Shelter</sup> " " " .....	9'-3 1/2"
	7
	6 1/2
	6 1/2
	"

39.5 ÷ .56 = 71.81  
 50.50  
 36 | 21.31  
 .59  
 Sheer at Stem ..... 106 } mean at length from Stem ..... 57 } Mean  
 Sternpost... 53 } " " " Sternpost... 22 } 39.5  
 Drop in Sheer abaft amidships..... 1 1/2"

Round of Spar-deck Beam..... 14"  
 " " Main-deck " ..... none

	Length	×	Height.	State if open or closed at ends.
Forecastle .....	36'-3"	×	4'-3"	closed
Bridge.....		×		
Poop.....		×		

**FREEBOARD** recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line	above centre of Disc	...	...	...	...	...	...	...	...
Indian Summer Line	"	"	"	...	...	...	...	...	...
Winter Line	below	"	"	...	...	...	...	...	...
Winter North Atlantic Line	"	"	"	...	...	...	...	...	...

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NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
 All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.  
 \* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

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 MARKING FORM  
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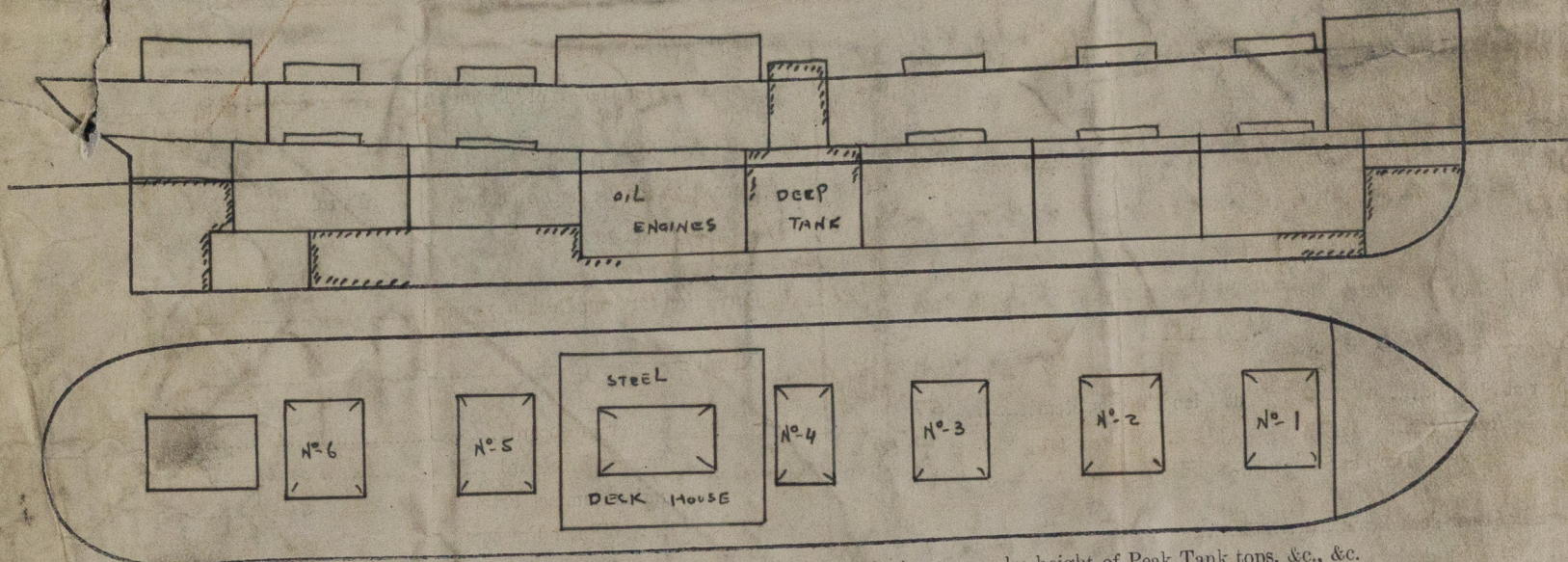


Do all the Frames extend to the top Height in the Spar deck? ☒ Awning deck? ☒  
 Do all the Frames extend to the top height in the Poop? ☒ Bridge House? ☒  
 To what height do the Reverse Frames extend? *Bulk angle Frames*  
 Has the Poop an efficient Iron Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 Is the Poop connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒  
 Give scantlings and spacing of the Stiffeners ☒  
 Are bracket plates fitted at each end of the Stiffeners? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒  
 Has the Bridge House an efficient Iron Bulkhead at the after end? ☒  
 How are the openings closed? ☒  
 Is the Forecastle at least as high as the main or top-gallant rail? ☒ Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? ☒  
 Are the Engine and Boiler openings covered by a Bridge, Poop, *yes*  
 or enclosed by a Strong Iron or Steel Deckhouse?  
 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 Section 28 of the Rules for 1904-5? Give particulars below:— *see particulars below*

Requirements of Section 28 of the Rules.											
Position and Size.		No. 1. 2. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 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.		No. 1. 2. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 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.		No. 1. 2. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 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.		No. 1. 2. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 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.		No. 1. 2. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 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.	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
Height above top of DECK	32"		32"								
COAMING. Thickness {	Sides.....	.44"	.44"								
	Ends.....	.44"	.44"								
SHIFTING BEAMS OR WEB PLATES.	Number .....	4	special								
	Section and Scantlings .....	7" 550 x 9.5	steel								
	Material .....	UL 140 x 75 x 1 1/2	wood								
* FORE AND AFTERS.	Number .....										
	Section and Scantlings .....	rule	rule								
	Material .....										
HATCHES Thickness .....	3"		rule.								
Remarks.....											

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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 deck at side amidships to lower edge of lowest side scuttle.)



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

*This vessel is in every respect a duplicate of the motorship "NUOLJA" No. 78850 in the Register Book.*

Owners *Trafikaktub. Svingensberg - Oxelund*

Address *Stockholm.*

Fee *kr 218.40*

Received by me



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