

## STEEL STEAMER or MOTORSHIP.

16 AUG 1930

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report *15<sup>th</sup> August, 1930* Port of *Sunderland* No. *30436*  
Survey held at *Sunderland* Date First Survey *13 February* Last Survey *8<sup>th</sup> August 1930*  
On the *Single Screw Steamer SEA RAMBLER*  
State Type *Full Scantling* State Type of Erections *Boop. Br. + Tile*

TONNAGE under Tonnage Deck... *1978.53* CLASS *100 A1* State if with freeboard as condition of Class *No* Built at *Sunderland*  
Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 290.0* Launched *15<sup>th</sup> July 1930* Yard No. *1449*  
Total *1978.53* Breadth (greatest moulded) *B 42.83* Builders *Swan Hunter & Wigham Richardson Ltd.*  
Gross Tonnage *2326.52* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 20.83* Owners *The Dover Navigation Co. Ltd.*  
Register Tonnage *1374.33* 1st Longitudinal Number (L x D) = *6040* Managers *(Where necessary to be entered in Reg. Book.)*  
2nd Numeral L x (B + D) = *18461* Residence *London*  
REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *17.17* Port of Registry *Dover*  
Length *294.1* Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.92* If surveyed while building, afloat, or in dry dock  
Breadth *43.1* Do. Long Bridge to top of keel *10.23* While building & afloat  
Depth *18.8* Draught Moulded *17.10 1/4*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	24	✓	Bracket Floors, Frame	6 x 3 x .38	✓
" " from 3/4 length to Collision bulkhead	24	✓	" " Reversed Frame	5 1/2 x 3 x .38	✓
" " in peaks	24	✓	" " Vertical Struts	5 1/2 x 3 x .38	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	35" x .44	✓
Frame Amidships, Angle <i>E or F</i> NBS	8 x 3 x .40	✓	" " top Angle	5 x 5 x .42	✓
" " Extends up to	Upper deck	✓	" " bottom Angle	6 x 6 x .46	✓
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	One .34	✓
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	3 1/2 x .40	✓
Depth of Framing Girder	8"	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 x 6 x .45 every 3'	✓
Frames in Uppermost Continuous 'tween Decks, Angle <i>E or F</i> NBS	5 x 3 x .42	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 x 3 x .34 intermediate	✓
" " Second 'tween Decks, Angle <i>E or F</i>			" " Gussets, spacing and scantling abaft 1/2 len. from stem	6 x 6 x .45 every 2'	✓
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	3 x 3 x .34 intermediate	✓
Framing in Peaks, Angle <i>E or F</i>	5 1/2 x 3 x .42	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	5' 8" x .37	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" 7 diams	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	45" x .40	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deck frames 10 x 3 1/2 x .52 NBS ✓ Shell increased .08 in line of intercostal stringer ✓ in deck ✓	✓	Thickness of remainder in Holds	.34 - .32	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Bottom frames 5 x 5 x .34 ✓ Additional intermediate stiffeners ✓ 3 sections of steel with 1/2" thickness maintained ✓ 1/2" collision bulkhead ✓	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	.42 - .40 in way of hatches ✓	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	5 x 3 1/2 x .35 BA at sides ✓	✓
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle <i>E or F</i>	1 1/2 x 3 x .39 BA at center ✓	✓
Middle Line Keelson, on Floors, Angles, <i>E or F</i>			" " in way of Bridge, Angle <i>E or F</i>	8 x 3 1/2 x .40	✓
" " Through Plate or Intercostal Plate			Spacing	Every frame	✓
" " Foundation Plate on Floors			Second Deck, amidships, Angle, <i>E or F</i>		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Third Deck, amidships, Angle, <i>E or F</i>		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, <i>E or F</i>		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	.34 Every 3'	✓	Poop Deck, Angle, <i>E or F</i>	5 x 3 x .35 angle ✓ 5 x 3 x .41 B.A. ✓ NBS	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	Spacing	Every frame	✓
Bracket Floors, breadth and thickness at middle line	36 1/4 x .34	✓	Bridge Deck, Angle, <i>E or F</i>	6 1/2 x 3 x .33	✓
" " breadth and thickness at margin plate	36 1/4 x .34	✓	Spacing	Every frame	✓
			Forecastle Deck, Angle, <i>E or F</i>	6 x 3 x .36 BA ✓ 5 x 3 x .42 angle ✓	✓
			Spacing	Every frame	✓



# PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	No pillars			
"    in 'tween Decks, Size and Spacing.....	in holds.			
"    "    "    "    "    "	One pillar in			
"    in Holds    "    "	Engine room			
"    "    "    "    "    "	of double strength			
<b>Centre Line Bulkhead.</b>				
Stiffeners and Spacing.....				
Plating, thickness of .....				
<b>STRINGERS AND DECKS.</b>				
<b>Uppermost Continuous Deck.</b>				
Stringer Plate, breadth and thickness in Wells	76 x 1.00 - .70 ✓			
"    "    "    "    in way of Bridge	1.20 at break of bridge			
"    "    "    "    "    "	45 1/2 x .34 ✓			
"    Angle in Wells .....	6 x 6 = .64 ✓			
Thickness of Plating abreast Deck openings				
in way of Wells .....				
Thickness of Plating abreast Deck openings	.30 ✓			
in way of Bridge .....				
Thickness of Plating within line of openings...	.32 1/2 .30 ✓			
If Sheathed, material and thickness .....				
<b>Second Deck.</b>				
Stringer Plate, breadth and thickness in Wells...				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
<b>Third Deck.</b>				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness .....				
<b>Fourth Deck.</b>				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness .....				
<b>Poop Deck.</b>				
Stringer Plate, breadth and thickness .....	32 x .31		27 x .31 ✓	
Plating, Sheathing, material and thickness ...	.26 . 2 1/2 p.p.			
<b>Bridge Deck.</b>				
Stringer Plate, breadth and thickness.....	46 1/2 x .42			
Plating, Sheathing, material and thickness ...	.34			
<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness.....	27 x .32			
Plating, Sheathing, material and thickness ...	.30			

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing Inches.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	44½	.59	.55	.55	✓	Double	7/8	3¾	3	7/8	3/8	Lapped
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes ..... 3	15 6 7/2	.47	.40	.40	✓	Double	¾	3	3	¾	2 5/8	Lapped
BILGE PLATING, No. of Strakes ..... 1	6 3/2	.47	.40	.40	✓	"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes ..... 1	7 6 1/2	.47	.40	.40	✓	"	"	"	3 - 2	"	"	"
UPPER DECK, Sheer-strake in Wells.....	72	.67	.40	.40	✓	"	7/8	3¾	4 - 2	7/8 - ¾	3/8 - 2 5/8	"
UPPER DECK, Sheer-strake in Bridge ...	72	.47	✓	✓	✓	"	7/8	3¾	3	7/8	3/8	"
STRAKE BELOW Sheer-strake in Wells.....	7 6 1/2	.54	.40	.40	✓ 72 x .54	"	7/8 - ¾	3¾ - 3	3 - 2	7/8 - ¾	3/8 - 2 5/8	"
STRAKE BELOW Sheer-strake in Bridge ...	7 6 1/2	.47	✓	✓	✓ 72 x .47	"	¾	3	3	7/8	3/8	"
POOP SIDE PLATING .....	✓	✓	✓	.33	✓	Single	"	"	1	¾	2 5/8	"
BRIDGE SIDE PLATING ...	8 9 ¼	.45	✓	✓	✓	Double	"	3	3	"	"	"
FOREC'TLE SIDE PLATING	✓	✓	.35	✓		Single	¾	3	1	"	"	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	Five ✓
Extending to Upper Deck (Sec. 3 c).....	Five ✓
"    Deck next below.....	✓
As per Rule.....	Five ✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....				
STEM .....	Roller bar	7 3/4 x 2 1/8	Lanarkshire Steel Co. Ld.	✓
STERN FRAME {	Propeller Post .....	Cast iron	10 1/4 x 5 1/2	The Darlington Forge Ld.
	Rudder .....		7 1/2 x 5 1/2	
RUDDER—A x D.....			Balanced Reaction Rudder	
Speed of Vessel .....			10 knots	
RUDDER mainpiece at head ...	Forging	6 3/8	The Darlington Forge Ld.	✓
"    "    heel ...		6 3/8		✓
"    how constructed .....	Forging	Ames shaped on		✓
"    double or single plate		Singles plates .76 in 3 parts.		✓
"    coupling, vertical or horizontal.....		Steam lined with wood		✓
		Vertical scarfing coupling		✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Open Heater
	Cassell Iron Co. Ld.; South Durham S & S Co. Ld.; Dorman Long & Co. Ld.; Pease & Partners Ld.; Tinsdall Iron Co. Ld.; Cargo Fleet Iron Co. Ld.	
	Has the Steel been tested as required by the Rules?	Yes



EQUIPMENT No. 19360										LETTER S	ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
33073	1st Bower ...	39	0	0	-	-	-	35	2	2	0	38 3/4	Byers Improved	—	See 16.5.30 J. H. Bullen
33026	2nd „ ...	38	3	14	-	-	-	35	0	3	21	38 3/4	„	—	See 17.4.30 J. H. Bullen
33158	3rd „ ...	32	3	21	-	-	-	30	17	2	0	32 1/2	„	—	See 14.6.30 J. H. Bullen
	Collective weight.											110			
45376	Stream .....	10	0	9	2	2	12	12	2	0	21	10 no steel	Ordinary	—	C.H. 9.5.30 S. C. Paul

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.
44480	240	1 <sup>3</sup> / <sub>16</sub>	59 <sup>1</sup> / <sub>8</sub>	82 <sup>3</sup> / <sub>4</sub>	397-3-14		397 <sup>3</sup> / <sub>4</sub>		240	1 <sup>3</sup> / <sub>16</sub>	Slud ✓	—	C.H. 9.5.30 S.C. Paul	TOWLINE...	90	4	33	90	4
														HAWSERS & WARPS	2 <sup>1</sup> / <sub>90</sub>	2 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>90</sub>	2 <sup>1</sup> / <sub>2</sub>
														"	2 <sup>1</sup> / <sub>90</sub>	2 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>90</sub>	2 <sup>1</sup> / <sub>4</sub>
Stream } Other } Steel Wire }	75	4 <sup>1</sup> / <sub>4</sub>	✓	35	✓		✓		75	4 <sup>1</sup> / <sub>4</sub>	✓			"					

Steering Gear, Steam
Donkin & Co
7" 6 1/2"
Steering Gear, Hand
Donkin & Co.
4 1/2"

Boats
2 at 24' 6" x 7' 7 1/2" x 3' 1"
Steering Chains, Size and Test
1 1/16" 13 1/2 Tons
Windlass
Clarke Chapman 8 3/4" x 12"

Ceiling in Holds, thickness and material
2 1/2" w.w. over bilges only
Cargo Battens, thickness, material and spacing
6" x 2" w.w. 9" apart

Cargo Hatchways.-(Upper Deck)
Steel plates and angles 3' 7" high
Thickness of Hatches
3"

Size of No. 1 Hatchway (Forward)
32' x 30' x 27'
No. 2
32' x 30'
No. 3
30' x 30'
No. 4
28' x 30' x 27'
No. 5
No. 6

Number of Shifting Beams and/or Fore and Afters
401 = 5. 402 = 6. 403 = 5. 404 = 4.

FOR SWAN, HUNTER & WIGHAM RICHARDSON LTD.
Builder's Signature
Maxwell Sakar
GENERAL MANAGER

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel No. (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been constructed in accordance with the approved plans, the Rules and Secretary's letter. The materials and workmanship are good. The freeboard markings have been verified and cut in on the vessel's sides.

The peak tanks and double bottom tanks have been satisfactorily tested to rule requirements. The bulkheads, decks, tunnel and W.T. door have been tested and found satisfactory. The windlass, steering gear, W.T. door and handpump have been tried and found in good working order.

The special painting arrangements have been built as approved and with the Owner's consent - see the two letters attached.

The following plans have been approved (7 in number) :- Midship Section; Profile and decks; Stemframe and rudder; Pumping arrangement; Painting arrangement and peak bulkheads; Hatches; Main Bulkheads.

The amount of Entry Fee ..... £ 6 : 0 : 0
Fees applied for,
14 AUG 1930

Special Survey Fee.... £ 191 : 7 : 0
Freeboard 5' 16' 8"
Travelling Expenses, if any £
Received by me,
22/8/30

I am of opinion the Vessel should be Classed \* 100 A.1

State whether the Vessel has been built under Special Survey
H.M.
Certificate to be sent to. SUNDERLAND.
Date of issue 27/8/30
Signature
A. Urwin.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
TUE. 26 AUG 1930
Character assigned
+ 100A1

Lloyd's A.C.P.
+ L.M.C. 8.30
C.L.

3463-0213 (212)



GENERAL REMARKS.—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

These plans are being retained for dealing with the sister vessel (Yard 401451) with the exception of the stemframe and rudder plan, but copies of all the plans are in the London Office.

The stemframe and rudder plan is now forwarded, as a different arrangement is being fitted in the sister ship, together with three forging certificates and plans of midship section and profile showing vessel as built.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower.	23-1-18	K.H.	7856	29.4.30
	2nd "	23-1-9	K.H.	7714	27.3.30
	3rd "	19-3-26	K.H.	8020	23.5.30

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.62 ft., R.Q.D. — ft., Bridge 68.5 ft., Forecastle 23.37 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Deck (steel)

Official No. 149165 ; Signal Letters —  
Is bottom of Vessel coated with cement? Boiler room limits fully cemented if not give particulars of composition remainder of tanks — cement fillets at seams and butts

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	94	199		Fore peak tank,	15.375	72	
Double bottom, under Engines and Boilers,				After peak tank,	18.0	74	
Double bottom, if under Engines only,	16	49		Deep tank, aft,			
Double bottom, if under Boilers only,	18	55		Deep tank, forward,			
Double bottom, forward,	120	304		Other tanks, if fitted,			
Total capacity of double bottom		607		(If necessary, furnish further information by sketch.)			

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5750

Date 3.2.30

Dates of Surveys held while building

1930. Feb. 13. 21. 25. 28. Mar. 4. 10. 12. 17. 19. 21. Apr. 1. 8. 10. 14. 23. 24. 25. 29. May 1. 6. 15. 20. 22. 28. June 5. 12. 16. 20. 24. 30. July 1. 8. 7. 8. 10. 11. 15. 18. 28. 29. 31. Aug. 1. 7. 8

Total No. of Visits 44