

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report July 3rd 1926 Port of Bristol No. 11746

Survey held at Bristol Date First Survey Dec 1st 1925 Last Survey July 26th 1926

On the ~~(Steam Machinery fitted Aft and~~ *Single Screw Steamer "NORVAH" (Machinery Aft)*
~~(Single, Twin or Triple Screw)~~

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling* State Type of Erections *P.R. No. 1*

TONNAGE under Tonnage Deck 176.12 CLASS 7-100 A State if with freeboard No Built at Bristol

Do. of space (or spaces) *100 ft* Length from fore part of stem to after part of stern) *128' 2"* Launched *April 24th* Yard No. *158*

between Tonnage Dk. and Upper Dk. post on summer L.W.L. See Sec. 3 (1a) Builders *Chas. Hull & Sons Ltd.*

Total 176.14

Depth, at middle of length from top of keel to top 2' 11" 2 3mm 1/1 1/1

Gross Tonnage 231.88 of beam at side of uppermost continuous deck. See Sec. 3 (1c) 5 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 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468

Register Tonnage 80.51 **1st Longitudinal Number (L x D)** = 72636 **Managers**
 (Where necessary to be entered in Reg. Book.)







REGISTERED DIMENSIONS

FEET.				
186.3	Preparations	<i>Depth to Length</i>	<i>Unimportant</i>	<i>117</i>
				<i>D. & P. in</i>
				<i>Brite</i>

Length 120.8
continuous deck to top of keel 84.94
1.73

Breadth 20.5
Depth 7.5
Draught Moulded 7.5

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	20 1/2		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead.....}	20 1/2		" " Reversed Frame		
" " in peaks.....	20 1/2		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, 	3 1/2 x 2 1/2 x 31		" " top Angles		
" " Extends up to	upper all		" " bottom Angles		
Reversed Frame Amidships, Angle	4 x 2 1/2 x 30 3/2 BS		Side Girders, No. each side and thickness		
" " Extends up to...			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....}			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft 1/4 len. from stem.....}		
" " Third " " " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem.....}		
Framing in Peaks, Angle 	Fore peak 3 1/2 x 2 1/2 x 31 4 x 2 1/2 x 3		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Shell Plating	5/8 gauge 2 1/2" 3" See letter		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake ...		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	Beams & stringers as per plan		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Brace frame 2 x 1/2 x 1/2 inch middle line forward from 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?.....}		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	1 1/2 x 3/8 x 31 1/2		Uppermost Continuous Deck, amidships		
Height of Brackets at side above base line at toe of frame	dup from plan		" " in Wells, Angle, 	4 x 2 1/2 x 3	
Middle Line Keelson, on Floors, Angles, 	3 1/2 x 3 x 36		" " in way of 	3 x 2 1/2 x 28	
" " Through Plate or Intercostal Plate	30		Spacing	20 1/2	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [or [.....		
" " Flat Plate Keel Angles	Bar Keel		Spacing.....		
Side Keelsons, No. each side	Two		Third Deck, amidships, Angle, [or [.....		
" " thickness of Intercostal Plate...	28		Spacing.....		
" " Angles	3 x 7 x 28 middle Keel on 3 1/2 x 7 x 26 ruble -		Fourth Deck, amidships, Angle, [or [.....		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing			Poop Deck, Angle, [or [.....		
" " Are Frame and Reversed Frame joggled?.....}			Spacing.....		
Bracket Floors, breadth and thickness at middle line}			Bridge Deck, Angle, [or [.....		
" " breadth and thickness at margin plate.....}			Spacing		
			Forecastle Deck, Angle, 	4 x 2 1/2 x 30	
			Spacing	20 1/2	

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.
PILLARS , No. of Rows.....	<i>Two at each side</i>		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds <i>Holds sides 2' 6" space to suit runner arrangement of cargo</i>			If Sheathed, material and thickness	✓	
" " " " "			Third Deck.		
Centre Line Bulkhead.			Stringer Plate, breadth and thickness.....	✓	
Stiffeners and Spacing.....	✓		If Plated, state thickness.....	✓	
Plating, thickness of	✓		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....	✓	
Uppermost Continuous Deck.			If Plated, state thickness	✓	
Stringer Plate, breadth and thickness in Wells <i>37' x 44</i>			Poop Deck.		
" " " " " <i>R. Deck 8' 6"</i> in way of Bridge	<i>52' x 30</i>		Stringer Plate, breadth and thickness	✓	
" Angle in Wells	<i>3 x 3 x 40</i>		Plating, Sheathing, material and thickness ..	✓	
Thickness of Plating abreast Deck openings in way of Wells	<i>44</i>		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge <i>R. Deck 8' 6"</i>	<i>3</i>		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	<i>None</i>		Plating, Sheathing, material and thickness ..	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	<i>26. Landing gear run out parallel to centre line</i>	
			Plating, Sheathing , material and thickness ..	<i>Steel 26</i>	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 4 3

„ Deck next below ✓

As per Rule 3

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Boiled</i>	$5\frac{1}{2} \times 1\frac{1}{4}$		
STEM	<i>Boiled</i>	$5\frac{1}{2} \times 1\frac{1}{4}$		$5\frac{1}{2} \times 1\frac{1}{4}$
STERN FRAME {	Propeller Post	<i>Forging</i>	$5\frac{1}{2} \times 2\frac{1}{2}$	
	Rudder	-	$5 \times 2\frac{1}{2}$	
RUDDER—A × D		$21.25 \times 2 = 82.5$		
Speed of Vessel		<i>8 knots</i>		
RUDDER mainpiece at head ...	<i>Forging</i>	$3\frac{3}{4}$		
	heel ...	3		
how constructed	<i>one piece arm 5 ft. long</i>			
double or single plate		$.78$		
coupling, vertical or horizontal	<i>none</i>			

STEEL.

33	33	33							
33	33	33							
33	33	Holds							
COLLISION	33	Same 70 (in Hold) Cooney	30	78	643436			Box beam	
AFTER PEAK	33	Cooney	5-26	57343					
	33	Cooney	5	726131					

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *Large Steel Pipe Co. Birmingham & Co. Ltd.*

Guar. Recd. & Registered. (Open heart)

Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 3924												LETTER C	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.
29297	1st Bower ...	6	2	7	-	-	-	8	17	2	0	6-1-0	Bye Improved	-	12/2/26 J. H. Butler
29395	2nd „ ...	5	3	14	-	-	-	8	2	3	7	6-1-0	Sturtevant	-	16/4/26. J. H. Butler.
	3rd „ ...														
	Collective weight.	12	1	21								12-2-0			
81327	Stream	1	3	0			1 25	4	4	1	14	1-3-0	Sturtevant		22/10/26. H. E. ...

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Cwts.	qrs.	lbs.	Fathoms.					Inch.	Fathoms.		Inch.	Length.	Cir.
78693	135	1 3/16	1720	71600	46 3 23	46.0.0				135	1 3/16	Shank Link	-	Sturtevant 22.4.26 H Green	TOWLINE	75	6	-	75	6
															HAWSERS & WARPS	91	4	-	90	4
Iron Stream Chain or Steel Wire	45	9/16	33 1/4	7 1/2	8.3.5	8.3.0				45	9/16	Shank	-	Sturtevant 14.4.26 J.H. Butler	"					

Steering Gear, Steam *None* Steering Gear, Hand *Sturtevant*

Boats *174. 14.3 x 5.4 x 2.15* Steering Chains, Size and Test *5/8 Proof load. 4.12.2.0* Windlass *Emerson Walker Munger Chain*

Ceiling in Holds, thickness and material *2 1/2 WP* Cargo Battens, thickness, material and spacing *None*

Cargo Hatchways.—(Upper Deck) *56'-4 1/2 x 14'-0* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and ~~for~~ *7 port side 3 starboard*

CHARLES HILL & SONS, LTD
Builder's Signature *Charles L. Hill*
REDACTED DESIGN

GENERAL DECLARATION *This vessel has been built under Special Survey according to the Rules & approved plans. The materials & workmanship are good & the vessel is now eligible in my opinion for service of 100 A1 7-26 for service in the Bristol Channel. The futwork has been varnished & the masts cut in on the vessels side. All tanks & ducts satisfactorily tested together with the bulkheads.*

The amount of Entry Fee £ *2 : 0 : 0* Fees applied for, *July 30th 1926*

Special Survey Fee.... £ *23 : 4 : 0* Received by me, *19.10.26*

Inboard fee *2. 0. 0* Travelling Expenses, if any £ *75/9/26*

I am of opinion the Vessel should be Classed *100 A1 For service in Bristol Channel*

State whether the Vessel has been built under Special Survey *Yes* Signature *John W. Gwynne*

Certificate to be sent to *Bristol* Date of issue *20/10/26* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 13 AUG 1926*

Character assigned *100 A1 For service in the Bristol Channel*

Lloyds A.S.C.P. + R.M.C. 7.26

Cargo Battens not fitted

Wide Bow

M.H.

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.)

Plans:—

Pumping Arrangement.
Hatches
Panting Arrangement.
Pipe
Midship Section
Profile & Decks
Shell Expansion
Freeing Ports
Engine Seat.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower *Cast Steel Anchor Head 14 T. 4.1.0 N.B. 2616 27.11.25*
2nd „ *5 3.1.0 I.B.N. 6799 11.9.25*
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. *39.7* ft., Bridge — ft., Forecastle *15.5* ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *One steel*

Official No. *148206*; Signal Letters If bottom of Vessel has been coated Inside *Yes* give particulars of composition *Bituminous in holds, Cement in 8 & 13 spaces, paint*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	<i>15.2</i>	<i>66</i>
Double bottom, under Engines and Boilers,	✓		After peak tank,	<i>7.3</i>	<i>10</i>
Double bottom, if under Engines only,	✓		Deep tank, aft,		
Double bottom, if under Boilers only,	✓		Deep tank, forward,		
Double bottom, forward,	✓		Other tanks, if fitted, <i>Span of Boiler</i>	<i>10.3</i>	<i>28</i>
Total capacity of double bottom			(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. *5*

Date

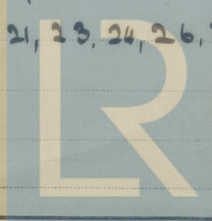
26th Jan 1926

Dates of Surveys held while building

1925 Dec 7, 22, 29, 1926 Jan 4, 7, 11, 18, 20, 21, 27, 29, Feb 3, 4, 5, 10, 11, 13, 19, 24, 26, Mar 1, 4, 6, 8, 10, 13, 17, 22, 24, 30, 31, Apr 8, 12, 14, 19, 20, 21, 23, 24, 26, 29, 30, May 4, 5, 6, 7, 15, 17, 28, 31, June 1, 2, 3, 4, 22 July 8, 26

Total No. of Visits

57



Lloyd's Register
Foundation