

With or Without Disconnected Erections.

STEEL STEAMER.

MON. DEC. 11. 1916

Received at London Office

State if Report is also sent on the Machinery of the Vessel *Yes*

Date of completion of report
Survey held at *Beverly & Hull*

Port of *Hull*
Date, First Survey *3-11-15* Last Survey

No. *29692*
20-11-1916

On the *STEAM TRAWLER SARPEDON* Rig *Ketch*

TONNAGE under Tonnage Deck... *295.90*
Do. between Tonnage Dk. and 3rd and 4th Dk. *16.82*
Total under Upper Dk. *12.27*
Do. of Poop *7.84*
Do. of R.Q.Dk. *11.56*
Do. of Bridge House *344.39*
Do. of Forecastle *32.74*
Do. of Houses on Dk. *11.56*
Do. of excess of Hatchways *300.09*
Do. above Crown of Engine Room *162.89*
Gross Tonnage *10.89*
Less Crew Space *138.17*
Less above Crown of Engine Room *10.89*
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces
Register Tonnage as cut on Beam

Breadth (greatest moulded) *23.37*
Depth, at middle of length from top of keel to top of upper deck beams at side *13.58*
Transverse Number *36.95*
Length on deck from fore part of stem to after part of stern post *135.0*
Longitudinal Number *4988.25*
Depth "d," at middle of length (See Secs. 2 & 13) *12.16*
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *9.94*
" " Long Bridge Deck Beam at side to top of keel

CLASS *+100 A1.*

Destined Voyage *Fishing*

Master
Year of appointment
Built at *Beverly*
When built *1916* Launched *18/4/16*
By whom built *Cook Wilton & Simmell*
Owners *Standard Steam Fishing Co Ltd*
Managers
Residence *Grimsby*
Port belonging to *Grimsby*

LENGTH on Deck as per Rule	BREADTH—Moulded	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	No. of Decks with flat laid	No. of Tiers of Beams
<i>135.0</i>	<i>23 4 1/2</i>	<i>12 9</i>	<i>one</i>	<i>one</i>

Dimensions of Ship per Register, Length *135.4* breadth *23.5* depth *12.75*
Moulded depth, ft. *13* ins. *7* To Bridge Dk. Round of Upper Dk. Beam, Actual *7* ins.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, <i>E & B</i> amidships	<i>4</i>	<i>3</i>	<i>9/16</i>	<i>4</i>	<i>3</i>	<i>9/16</i>	PILLARS, In 'tween Deck, size and spacing				
Do. in peaks	<i>4</i>	<i>3</i>	<i>9/16</i>	<i>4</i>	<i>3</i>	<i>9/16</i>	" " Hold				
Do. in way of Double Bottoms at Solid Floors							" " Quarter 'tween Dks.,				
" " at intermdt. Bkts.							" " in Hold				
Spacing of Frames from centre to centre amidships	<i>16</i>	<i>7</i>	<i>21</i>	<i>16</i>	<i>7</i>	<i>21</i>	KEELSONS & STRINGERS.				
" " " from $\frac{1}{2}$ length to Collision bulkhead	<i>SEE</i>	<i>PROFILE</i>					CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>8 1/2</i>	<i>x</i>	<i>1/2</i>	<i>8 1/2</i>
" " " in peaks	<i>3</i>	<i>3</i>	<i>3/8</i>	<i>3</i>	<i>3</i>	<i>3/8</i>	" " Rider Plate				
REVERSED FRAME, Angles, <i>ON FLOORS</i>	<i>3</i>	<i>3</i>	<i>3/8</i>	<i>3</i>	<i>3</i>	<i>3/8</i>	" " Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors	<i>WHERE NO CONCRETE</i>						" " Horizontal Plates on Floors	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
" " at intermdt. Bkts.	<i>DOUBLE IN E & B SPACE</i>						" " Angles or Bulb Angles	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
FRAMING, depth of girder	<i>4 1/2</i>						SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>17</i>	<i>x</i>	<i>7/16</i>	<i>17</i>	<i>x</i>	<i>7/16</i>	" " Angles or Bulb Angles				
" " in way of Engine and Boiler Spaces	<i>6 1/6</i>			<i>6 1/6</i>			" " Plate above floors, for length				
" " thickness at the ends of vessel	<i>6 1/6</i>			<i>6 1/6</i>			" " Intercoastal Plate, for length				
" " depth at $\frac{1}{2}$ the half breadth, as per Rule	<i>TOP OF FLOORS</i>						" " Attached to outside Plating with Angle	<i>5</i>	<i>4</i>	<i>8/16</i>	<i>5</i>
" " height extended at the Bilges	<i>HORIZONTAL</i>						BILGE KEELSON, Angles <i>one</i>	<i>5</i>	<i>4</i>	<i>8/16</i>	<i>5</i>
FLOORS in Cell. Double Bottoms							" " Intercoastal Plate for length				
" " state if flanged (top & bottom)							" " Attached to outside Plating with Angle				
" " Spacing of Solid floors							SIDE STRINGERS, Number <i>Two in way of R & B Dk</i>	<i>5</i>	<i>4</i>	<i>8/16</i>	<i>5</i>
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.							" " Angle	<i>5</i>	<i>4</i>	<i>8/16</i>	<i>5</i>
" " Angles, Top							" " Intercoastal Plate, for length				
" " Bottom							" " Attached to outside plating with Angle				
" " to Floors							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>29</i>	<i>x</i>	<i>6/16</i>	<i>29</i>
Brackets at intermdt. frmg., wdth & thknss							" " " " br'dth & thickness (in way of Bridge)	<i>3</i>	<i>x</i>	<i>3 1/2</i>	<i>3</i>
SIDE GIRDERS, number on each side & thickness							" " " " Angle (clear of Bridge)	<i>7</i>	<i>x</i>	<i>6/16</i>	<i>7</i>
" " state if flanged (top and bottom)							" " Tie Plate at sides of Hatchways	<i>7</i>	<i>x</i>	<i>6/16</i>	<i>7</i>
" " Angles (top and bottom)							" " Deck * Iron or Steel, for <i>in way of E & B. CASE</i>	<i>5</i>	<i>x</i>	<i>3</i>	<i>5</i>
" " to Floors							" " Thickness (clear of Bridge)	<i>5</i>	<i>x</i>	<i>3</i>	<i>5</i>
MARGIN PLATE, depth (exclusive of flange) and thickness							" " " " (in way of Bridge)	<i>5</i>	<i>x</i>	<i>3</i>	<i>5</i>
" " Angle to Outside Plating							" " Wood Deck. Material & thickness	<i>main 5x yellow pine</i>			
" " Floors							Second Deck Stringer Plate, br'dth & thickness	<i>9x 2x</i>			
Brackets at intermdt. frmg., wdth & thknss							" " Angles on ditto, No.				
Height of Outside Brackets above at bilge							" " Tie Plates outside Hatchways				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" " Deck * Iron or Steel, for lng.				
" " in Engine and Boiler space							" " Wood Deck. Material & thickness				
" " Remainder in Holds							Third Deck Stringer Plate, br'dth & thickness				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6</i>	<i>3</i>	<i>9/16</i>	<i>6</i>	<i>3</i>	<i>9/16</i>	" " Angles on ditto, No.				
" " In way of Long Bridge							" " Tie Plates, outside Hatchways				
" " Spacing							" " Deck * Material and thickness				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, breadth & thickness				
" " Spacing							" " Angles on ditto, No.				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Tie Plates outside Hatchways				
" " Angles on upper edge							" " Deck. Material & thickness				
" " Spacing							Poop Deck Stringer Plate, breadth & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Angle on ditto				
" " Angles on upper edge							" " Tie Plates				
" " Spacing							" " Deck. Material and thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Bridge Deck Stringer Plate, br'dth & thickness				
" " Angles on upper edge							" " Angle on ditto				
" " Spacing							" " Tie Plates				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Deck. Material and thickness				
" " Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns	<i>MAKE BACK 5/16</i>			
" " Spacing							" " Angle on ditto <i>STIFFERS 3 1/2 x 3 1/8 - 30' apart</i>				
" " Angles on upper edge							" " Tie Plates				
" " Spacing							" " Deck. Material and thickness				

WEB FRAMES.										FORGINGS or CASTINGS.										Inches in Ship.				Inches per Rule.			
WEB-FRAMES, In Fore Body, No. and spacing										KEEL, Bar, depth and thickness										8x2				8x2			
" " " brdth. & thickness										STEM, moulding and thickness										8x2				8x2			
" No. of Side Stringers " "										STERN-POST for Rudder do. do.										6 1/2 x 3 1/4				6 1/2 x 3 1/4			
WEB-FRAMES, In E. & B. Space, No. & spacing										" for Propeller										6 1/2 x 3 1/4				6 1/2 x 3 1/4			
" " " brdth. & thickness										RUDDER-AxD° Table 22. Speed										10/12 knots				71.98			
" No. of Side Stringers " "										" Main-Piece, diameter at head										4 1/2				4 1/2			
" Size of Face Angles to Web-Frames.....										" " " at heel										3x3				3x2 3/4			
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....										RUDDER, how constructed										Forged Scrap iron							
BULKHEADS.										" Thickness of Plates or Single Plate										128							
W.T.BULKHEADS										Can the Rudder be unshipped afloat?										Yes							
" COLLISION "										Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer																	
PARTITION "										Plates, Plating, &c.?										Linen matten Open heart							
LONGITUDINAL..										" Largo Fleet Iron Co Ld																	
										" South Durham Steel & Iron Co Ld																	
Are the outside Plates doubled two spaces of Frames in length?										app lines																	
Are the Sliding Valves and Watertight Doors in efficient working order?										Yes																	
PLATING.										RIVETING.																	
STRAKES.										EDGES.										BUTTS.							
AS IN SHIP.										PER RULE OR AS APPROVED.										Ordinary or Joggled?				ORDINARY			
AMIDSHIP.										AMIDSHIP.										Single or Double.				Double or Treble and for what Length.			
Breadth. Thickness.										Breadth. Thickness.										Breadth. Thickness.				Breadth. Thickness.			
Inches. Inches.										Inches. Inches.										Inches. Inches.				Inches. Inches.			
FLAT PLATE KEEL.....										32										DOUBLE 4 1/2				THRO' GARRS KEEL 16"			
GARBOARD OF A STRAKE										8										3/4				DOUBLE 3/4			
State actual thickness in way of Double Bottom.										6										6				7 1/2			
B										6										6				7 1/2			
C										6										6				7 1/2			
D										6										6				7 1/2			
E										6										6				7 1/2			
F										6										6				7 1/2			
SHEER, G										42										DOUBLE				9 3/4			
H										10										11-8							
I																											
J																											
K																											
L																											
M																											
N																											
O																											
P																											
Q																											
R																											
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T																											
U																											
V																											
W																											
THICKNESS OF SHEERSTRAKE																											
CLEAR OF LONG BRIDGE																											
DO. OF STRAKE BELOW																											
DBLG. of Flat Plate Keel																											
" Sheerstrakes																											
Length and thickness.																											
POOP SIDES																											
SHORT BRIDGE SIDES																											
FORECASTLE SIDES																											
Upper Deck										Butts, riveted for full length amidship.										Butts of Side Stringers				riveted.			
Stringer Plate										Straps, single, double or overlapped for full length amidship.										Tie Plates				riveted.			
Second Deck										Butts, riveted for full length amidship.										Inner Bottom Plating, riveting of Edges				Butts			
Stringer Plate										Straps, single or overlapped for full length amidship.										Centre Girder Butts,				riveted.			
																				Frames, riveted through Plates with 3/4 in. Rivets, about 5/4 apart.							
																				Rivets, state whether Iron or Steel				iron			
FRAMES extend in one length from Keel to Gunwale										State if ordinary or joggled ordinary																	
REVERSED FRAMES on floors and beams extend from bilge to bilge where no corner										State if ordinary or joggled ordinary																	
double in E & B space.																											
MASTS, SPARS, &c.																											
Material.										DIAMETER AND THICKNESS.										No. of Plates in round.				ANGLES.			
Total Length.										At Partners.										Heel.				Hounds.			
Fore										Head.										Number.				Size.			
Main																				Scams.				Butts.			
Mizen																											
Bowsprit																											
Topmasts, Yards and Remainder of Spars										P Pine										Stays				Galv steel wire			
Rigging, Material and Size, Shrouds										Galv steel wire																	
Sails.										one																	
Suit of																											
Sails, and the following spare sails																											

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS				4988							
Number of Certificate.		Anchors.		WEIGHT, EK. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.							
				Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. cwt. qrs. lbs.		Cwts. qrs. lbs.													
19806		1st Bower		7 2 0		5 0 15		9 13 3		7 2 0		Atlas		W. Hall		CH. 30/6/15 Paul							
20486		2nd "		5 2 4		1 1 16		7 16 1		5 2 0		Rodgers		J. Green		CH. 27/10/15							
20487		3rd "		3 0 14		3 6		5 12 0		3 0 0						CH. 29/10/15							
		4th "		16 0 18						16 0 0													
		Collective weight.																					
		Stream																					
		Kedge																					
Particulars of Drop Test of Cast Steel Anchors, viz. :-				1st Bower Head 4.2.20 Shank 2.3.84 W. PENN. 1764 11/10/1915.																			
Weight, Surveyor's Initials, Number of Certificate, Date of Test.				2nd "																			
				3rd "																			
				4th "																			
CHAIN CABLES.												HAWSERS AND WARPS.											
Number of Certificate.		Length and size supplied.		Tensile per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and size per Table 31.	
		Fathoms. Ins.		Tons. Cwts. qrs. lbs.		Cwts. qrs. lbs.		Fathoms. Ins.										Fathoms. Ins.		Tons. Cwts. qrs. lbs.		Fathoms. Ins.	
18636		120 13 22 3		34 8 7 8		110 7 2 2		120 18		SPUD WIRE LINK		Atlas		CH. 12/10/15		TOWLINE		60 6				60 6	
														L.C. Paul		HAWSERS & WARPS		60 5				60 5	
Iron (Stream Chain or Steel Wire)		Cir.						Cir.															
Boats				one (good)				Steering Gear, Steam				Steering Gear, Hand, Gemmell & Sons											
Pumps, Number				24 " 30 " 6 "				Diameter of Barrel 4 " 6 "				State whether they are in efficient working order											
Windlass is				Gemmell & Sons Steam				Capstan															
Engine Room Skylights. - How constructed?				Steel				What arrangements for deadlights in bad weather				Steel flaps & bullseyes											
Coal Bunker Openings. - How constructed?				C.S. Pipes				How are lids secured?				locked											
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.				9 scuppers + 5 ports 18 " 9 "				Height above deck?				flush											
Ceiling in Holds, thickness and material				2 " W. V.				Cargo Battens, thickness and material															
Cargo Hatchways. - How formed?				Plates & angles				Hatches, If strong and efficient?				yes											
State size No. 1 Hatch (Forward)				No. 2 Hatch				No. 3 Hatch				No. 4 Hatch											
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch								No. of Breasthooks				3											
												No. of Crutches											
																2							
Bulwarks, height above deck and description				33 " 5/16				Main Rail, material and size				6 3/4 " 3 " 7/16 BA											
The foregoing is a correct description				COOK, WELTON & GEMMELL, LTD.				Surveyor's Signature				F. C. Smith.											
Builder's Signature (here only)				W. H. Pattison				DIRECTOR.				Surveyor to Lloyd's Register of Shipping.											
Correspondence. - State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																							
M 17/6/15 E 30/6/15																							
Workmanship. Are the butts of plating planed or otherwise fitted? planed																							
Is the riveted work properly closed? yes																							
Are the liners between the frames and plates solid single pieces? yes																							
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes																							
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes																							
Do any rivets break into or through the seams or butts of the plating? a few																							
Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes																							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Trawler State results of tests																							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Trawler State results of tests																							
General Remarks (State quality of workmanship, &c.)																							
This vessel has been constructed in accordance with the approved plans, the Surveyor's letters & in general conformity with the Society's rules. The workmanship & materials used throughout are good.																							
Kindly return the enclosed plans for dealing with the sister vessel																							
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																							
The amount of Entry Fee £ 2 : 0 : 0																							
Special Survey Fee £ 15 : 0 : 0																							
Travelling Expenses, if any £ 2 : 3																							
Fees applied for, 9/12/1916																							
Received by me, 13-1-1917																							
Certificate to be sent to Hall Date of issue 15-1-17																							
State whether the Vessel has been built under Special Survey																							
I am of opinion this Vessel should be Classed 100 A. steam trawler F. C. Smith.																							
With, or without Freeboard, as condition of Class. without																							
Surveyor to Lloyd's Register of Shipping.																							
Committee's Minute																							
Character assigned																							
FRI. 15 DEC. 1916																							
100 A. steam trawler																							
Lloyd's A & B. P.																							
+ L.M.B. 11.16																							

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 73.5 ft., Bridge ☒ ft., Forecastle ☒ ft. *WHALEBACK*
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 D's

Official No. 139920; Signal Letters

State if Machinery is fitted aft yes

How are the surfaces preserved from oxidation? Inside Paint & Cement

Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
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,		
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.

State whether the above have been tested as required by the Rules.

Order for Special Survey No. 2639

Date

No. 347

in builder's yard.

DATES OF SURVEYS
held while building

1915:—Nov. 3, 10, Dec. 11, 23. 1916:—Jan. 6, 18, 20, Feb. 3, 7, 17, Mar. 9, 29, Apr. 12, May 4, 12, 22, Jun. 6, 23.
Jul. 14, 20, Aug. 16, 23, 31, Sep. 6, 13, 19, Nov. 2, 13, 20.

Total No. of Visits

30

Surveyor's Signature

F. C. Smith

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Hold's Register
Foundation