

RECEIVED

STEEL STEAMER OR MOTORSHIP.

Received at London Office 6 OCT 1949

11 OCT 1949

State if Report has been sent on the Freeboard of the Vessel *no*State if Report is sent on the Machinery of the Vessel *yes*

Date of completion of report

Port of *Hull*No. *56014*Survey held at *Beverly & Hull*Date First Survey *12th November, 1948*Last Survey *23rd August, 1949*On the *(Machinery fitted Aft and)**"PRINCE CHARLES"*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)**Hull Scantling*State Type of Erections *R.Q.D. & F.C.L.E.*TONNAGE under Tonnage Deck ... *522.79*CLASS *STM. TRAWLER*State if with freeboard as condition of Class *no*Built at *Beverly*

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) *178.00*Launched *14.5.49* Yard No. *804*Total *522.79*Breadth (greatest moulded) *30.50*Builders *Cook, Melton, & Gemmell Ltd.*Gross Tonnage *711.71*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *16.00*Owners *Boston Deep Sea Fishing & Ice Co Ltd*Register Tonnage *261.64*1st Longitudinal Number (L x D) *2848*

Managers

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D) *8277*

Residence

REGISTERED DIMENSIONS.

FEET

Length *181.7*Breadth *30.65*Depth *15.15*Framing Depth "d," at middle of length. See Sec. 3 (1d) *14.42*Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.12*

Do. Long Bridge to top of keel

Draught Moulded

If surveyed while building, afloat, or in dry dock

Building & Afloat.

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.....	21½	21	20½	✓	Bracket Floors, Frame	-	-	-	
" " from ½ length amidships to Collision bulkhead.....	18	✓			" " Reversed Frame.....	-	-	-	
" " in peaks.....	18	✓			" " Vertical Struts	-	-	-	
SIDE FRAMING.					Centre Girder, depth and thickness amidships	-	-	-	
Frame Amidships, Angle <i>E or F</i>	5	3	40	✓	" " top Angles	-	-	-	
" " Extends up to.....	Upper & R.Q. Dks.	✓			" " bottom Angles.....	-	-	-	
Reversed Frame Amidships, Angle.....	3	3	38	✓	Side Girders, No. each side and thickness.....	-	-	-	
" " Extends up to.....	DOUBLE E + B SPACE.	✓			Margin Plate depth (excl. of flange) and thickness	-	-	-	
Depth of Framing Girder.....	5	✓			" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	-	-	-	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	-				" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	-	-	-	
" " Second 'tween Decks, Angle, [or]	-				" " Gussets, spacing and scantling abaft ¼ len. from stem.....	-	-	-	
" " Third	-				" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	-	-	-	
" " from ½ len. for'd. to 15% len. from Stem	5	3	40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	-	-	-	
" " in Peaks, Angle or [.....	5	3	40	✓	INNER BOTTOM PLATING.				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾	-	5/4	✓	Breadth and thickness of Middle Line Strake...	-	-	-	
State if Frame Joggled.....	yes	✓			Thickness of remainder in Holds	-	-	-	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes	✓			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?.....	-	-	-	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	yes	✓			BEAMS.				
SINGLE BOTTOM.					Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	6	3	44	✓
Floors, Depth and thickness at mid-line in Holds.....	19	x	40	✓	" " in way of Bridge, Angle, [or]	-	-	-	
Height of Brackets at side above base line at toe of frame.....	-				Spacing	Every frame	✓		
Middle Line Keelson, on Floors, Angles, [or]	12 x 4 x 4 x 3	33	LS.	✓	R.Q. IN WAY O.F.B.	6	3	44	✓
" " Through Plate or Inter-costal Plate	-				Second Deck, amidships, Angle, <i>E or F</i>	-	-	-	
" " Foundation Plate on Floors	-				Spacing	Every frame	✓		
" " Flat Plate Keel Angles	-				R.Q. AFT OF O.F.B.	7	3	50	✓
Side Keelsons, No. each side.....	One	✓			Third Deck, amidships, Angle, <i>E or F</i>	-	-	-	
" " thickness of Inter-costal Plate.....	-				Spacing.....	Alternate frs.	✓		
" " Angles	5	4	48	✓	LOWER FWD	6	3	34	✓
DOUBLE BOTTOM.					Fourth Deck, amidships, Angle, [or]	-	-	-	
Solid Floors, thickness and spacing	-				Spacing.....	Every alternate frs.	✓		
" " Are Frame and Reversed Frame joggled?	-				LOWER AFT	5	3	32	✓
Bracket Floors, breadth and thickness at middle line	-				Fifth Deck, Angle, [or]	-	-	-	
" " breadth and thickness at margin plate.....	-				Spacing.....	Every frame.	✓		
					Bridge Deck, Angle, [or]	-	-	-	
					Spacing.....	-	-	-	
					Forecastle Deck, Angle, <i>E or F</i>	7	3	50	✓
					Spacing.....	Alternate frs.	✓		

(MADE IN ENGLAND.)

013991 - 013996 - 0161 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			Stringer Plate, breadth and thickness in way of Bridge	-	
" in 'tween Decks, Size and Spacing			Thickness of Plating abreast Deck openings in way of Wells38 ✓	
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge.....	-	
FISH ROOM.	20 3/4	under mast	Thickness of Plating within line of openings..	.28 ✓	.44 IN WAY TRAWL WING
" in HULLS " " " "			If Sheathed, material and thickness.....	D.FIR 3" ✓	
Lower Bulkhead. IN O.F.B.	6 3	(32) every frame	Third Deck.		
Stiffeners and Spacing32 ✓		Stringer Plate, breadth and thickness.....	-	
Plating, thickness of			If Plated, state thickness	-	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	-	
Stringer Plate, breadth and thickness in Wells	.34 ✓ - .31	.38 IN WAY GALLOWS ✓	If Plated, state thickness.....	-	
" " " " in way of Bridge			Poop Deck.		
" Angle in Wells	3 1/2 3	.40 ✓	Stringer Plate, breadth and thickness.....	-	
Thickness of Plating abreast Deck openings } in way of Wells28 ✓		Plating, Sheathing, material and thickness ...	-	
Thickness of Plating abreast Deck openings } in way of Bridge.....	-		Bridge Deck.		
Thickness of Plating within line of openings...	.30 ✓		Stringer Plate, breadth and thickness.....	-	
If Sheathed, material and thickness.....	D.FIR. 3" ✓		Plating, Sheathing, material and thickness ...	-	
R.Q. Second Deck.		.38 IN WAY	Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	.34 ✓ - .31	GALLOWS ✓	Stringer Plate, breadth and thickness.....	.30 ✓	.38 IN WAY WINDLASS
			Plating, Sheathing, material and thickness...	.30 ✓	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>ho</i>			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.		Inches.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.			
GARBOARD													
Flat Plate Keel	38	.50 ✓	.46 ✓	.46 ✓		DOUBLE	3/4	6 pr ✓	3-2	3/4	2 5/8 STRAPPED		
" Bilg. (if any)	60	.44 ✓	.40 ✓	.40 ✓		" ✓	"	4 fr ✓	2 ✓	" "	LAPPED		
Bottom Plating, No. of Strakes ²	60	.44 ✓	.40 ✓	.40 ✓		" ✓	"	" ✓	2 ✓	" "	"		
Bilge Plating, No. of Strakes ¹	56	.44 ✓	.40 ✓	.40 ✓		" ✓	"	" ✓	2 ✓	" "	"		
Side Plating, No. of Strakes ²	60	.44 ✓	.40 ✓	.40 ✓		" ✓	"	" ✓	3-2	" "	"		
Upper Deck Sheer-strake in Wells	61 ✓	.44 ✓	.40 ✓	.40 ✓	.54 IN WAY GALLOWS	" ✓	"	" ✓	3-2	" "	"		
Upper Deck, Sheer-strake in Bridge ...	48 ✓	.625 ✓	.44 ✓	.44 ✓	.70 " " BREAK	" ✓	7/8	5 pr ex fr ✓	welded	throughout			
Strake below Sheer-strake in Wells													
Strake below Sheer-strake in Bridge ... }													
Poop Side Plating.....													
Bridge Side Plating.....													
Forecastle Side Plating			.31 ✓										

E
C
F

WATERTIGHT BULKHEADS.

Total No. of W.T. ⁸ BULKHEADS in Vessel— 8 (6WT. 2 O.T.)

Extending to Upper Deck (Sec. 3 c) (6) 5 for second

„ Deck next below 2

As per Rule 4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	M.S.	8 x 2	✓	
STEM	"	"	✓	
STERN FRAME {	"	Tab & C.D. HOLMES, HU		
Propeller Post		E.W.	✓	
Rudder				
Speed of Vessel	12/	14	✓	
RUDDER—Type	Semi	balanced	C.D. HOLMES	
" A x D		115.29	✓	
" Diam. of head		8	✓	
" Mainpiece at top pintle	M.S.	8 x 8	✓	
" heel	"	"		
" how constructed	Side	plates + webs	✓	
" double or single plate coupling, vertical or	Double	42	✓	
" horizontal	Horizontal		✓	

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D,			40/30	6 x 3 x .34 T	24	✓	
			"	4 x 3 x .30 T	"	✓	Lower deck.
				6 x 3 x .34 T	"	✓	
			.34	6 x 3 x .38 T	"	✓	Plating 1/2 height
			"	"	"	"	"
			44/30	5 x 3/8	FS	✓	"
				7 x 3 x .38	S	✓	"
COLLISION			40/30	6 x 3 x .38 T	✓	"	Lower deck
			30/26	3 1/2 x 3 x .30 T	30	✓	"
			44/38	5 x 3 x .40 T	24	✓	"
AFTER PEAK							

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth*
Plates: *Appleby - Birmingham Steel Co. Dorman Long Co Ltd*
Sections: " " " " " " " " *Corbett Iron Co Ltd, Skinningrove Iron Co Ltd.*
Has the Steel been tested as required by the Rules? *Yes*

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.)

The appended plans are returned herewith as follows:-

Structural Sections
Profile and Decks.
Sternframe and Rudder.
Oil fuel bunkers
Pillaring arrangement.

The following reports are forward herewith:-

Gunman	Rpt 6	No 2807	Sunderland
Giller	"	2696	"
Quadrant spinion	"	2851	"
Stem bars	"	F 5308	"
Cast steel boxes	"	F 5062	"

Stem above W.L. of 50' plate construction

This vessel is similar to ST CHARLES HULL REPORT NO 55133
BOSTON SEAFIRE " " " 55279.

PARTICULARS OF ELECTRIC WELDING (if employed)

Butts of sheerstrake, butts of side plating in way of oil fuel bunkers and butts forward of 18 L below W.L.
Edges of side plating in way of oil fuel bunkers.

Approved electrodes employed for all welding.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. +100 A1 Steam Trawler.

Cruiser Stern, fitted for oil fuel 8.49 F.P. above 150° F. D/F.
E.S.D., Radar, Lloyd's A.C.P.

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

1st Bower	8 cwt	2 gr	0 lbs	A.E.G.	346.	19. 6. 47
2nd "	7 "	3 "	22 "	A.E.G.	1706.	23. 9. 48
3rd "						

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 92.75 ft., Bridge ☒ ft., Forecastle 32 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 183412 Signal Letters ☒ Extreme Breadth over Belting MLOG 30.85 Over-all Length 197.7 (Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck (STL. WS)

Parts of Bottom of Vessel coated with cement or approved composition Bottom plating throughout except in way of oil fuel bunkers.

Particulars of composition (if fitted) and of approval ☒

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		9
Double bottom, under Engines and Boilers,			After peak tank,		8
Double bottom, if under Engines only,			Deep tank, aft, WING TANKS IN B.S.	8.95	23 1/2
Double bottom, if under Boilers only,			Deep tank, forward, FW & B FOR TRIMMING	15	35
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3552

Date 14. 8. 47

Dates of Surveys held while building

1948. Nov. 12.
1949. Jan. 28. Feb. 11. 21. 23. Mar. 17. 21. Apr. 4. 20. 25. 27. 29.
May. 2. 4. 6. 9. 11. 13. 14. June. 1. 13. 22. July 1. 3. 6. Aug 18. 23.

Total No. of Visits 24