





M/S "BERNY"

A. strake starb<sup>d</sup> side six shell plates renewed.  
 " " " Two " " removed, faired and refitted.

B. strake

Port side Seven " " renewed  
 starb<sup>d</sup> side Five " " "  
 " " one " " removed, faired and refitted.

C. strake

Port side Five " " cropped and lower part renewed.  
 " " Two " " faired in place  
 starb<sup>d</sup> side One " " removed, faired and refitted

D. strake

Port side Four " " faired in place (Nos. 3, 4, 5 & 6).  
 starb<sup>d</sup> side Three " " " " (Nos. 4, 5, & 6).

E strake

Port side Three " " " " (Nos. 5, 6 & 7)  
 Starb<sup>d</sup> side Three " " " " (Nos. 5, 6 & 7).

Main frames:-

46 partly renewed  
 44 partly removed, faired and refitted.  
 50 faired in place.

Floors and bracket floors:-

22 partly renewed.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:-

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT EX. STOCK.			WEIGHT OF STOCK.			TEST PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
2806	1st Bower	13	0	12	-	-	-	14	18	0	0	-	-	-	Hall	KING, Leiden 17/11.49P
2805	2nd "	12	0	11	-	-	-	14	0	0	0	-	-	-	"	" " " "
2768	3rd "	11	0	25	-	-	-	13	3	0	0	-	-	-	"	" " 16/9.49 "
	Collective Weight	36	1	20	-	-	-	-	-	-	-	35	2	0		
2716	Stream	4	0	15	1	0	3	6	10	0	0	4	0	0	common stock.	" " 2/5.49 P
	Kedge															

\* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per rule.		Description.	Makers of Cables.	Where and when tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
98102	15 1 1/8"	22.753	125	10.0	16 9 3 0	15 1 1/8"	15 1 1/8"	22.753	stud link	Connop Bros Ltd.	Cradley Heath 13/4.56 H. Phil
98103	15 1 1/8"	22.753	125	10.0	18 9 3 0	15 1 1/8"	15 1 1/8"	22.753	"	" "	" " " "
5509	195 1 1/8"	22.753	125	137.3	2126.10	195 1 1/8"	195 1 1/8"	22.753	"	KING, Leiden	28/12.49 A.v.
	Iron Stream Chain or Steel Wire										

56 partly removed, faired and refitted.  
 17 faired in place.

Bottom frames: 22 partly renewed

100 partly removed, faired and refitted.  
 8 faired in place

Top angles: 6 renewed

on floors 10 partly renewed  
 36 partly removed, faired and refitted  
 22 faired in place

contd./....

pt. 9a

ort of

Copenhagen

Continuation of Report No. 15920 dated

14/9.1956

on the

M/S "BERNY"

EXAMINED (internally) and tested: (continued)

removed and cleaned as required. Steelwork afterwards coated as necessary, and ceiling, lining and cement replaced.

ALTERATIONS:

Please see the Secretary's letter dated 24/5.56 and the Secretary's letter to the Owners dated 28/12.55.

The ship has now been lengthened by six frame spaces amidships. The new portion was constructed of the same scantlings as the existing part.

A doubling 600 x 9 mm, increased between hatchways to approx. 1000 x 9 mm was fitted port & starboard to the upper deck from the poop front to previous frame 67 (now fr. 73)

The scantlings of centre line bulkhead in hold, plating of raised quarter deck and tank deck aft were checked and found to be in accordance with the red amendments on the plans attached.

Strengthening fitted in the bottom in accordance with the plans, i.e. intercostal girder fr. 35 to fr. 73, approx. 1560 mm off d.

Additional strengthening fitted to deck:-

A flanged plate, forming a longitudinal girder 8" x 3" x 38" fitted (p & s) from bhd. 21 to frame 30 and fr. 44 to fr. 63 with 11 mm rider plates at hatch corners, as indicated in green on the midship section.

The capacity of No. 3 double bottom tank has now been increased to 2 off 30.8 m<sup>3</sup>

The length of double bottom increased by 3.30 m.

New Registered Dimensions: L. = 182.9' = 55.74 m

B. = 29.1' = 8.88 m

D. = 11.0' = 3.36 m

L.o.a. = 195.7' = 59.65 m

The notation "Len. 8.56" to be made in the Register Book.

RADAR has now been fitted, type 212 DECCA Radar, and the notation RDR to be made in the Register Book.

EQUIPMENT: New equipment letter 'i' and numeral 7904

Two additional 15 fathoms lengths of 1 1/8" cable were supplied (please see report), marks verified and certificates endorsed.

Marks of the originally supplied anchor & chain cables verified (please see page 2 of this report) and equipment examined and found satisfactory.

Hawsers & Warps now placed onboard:-

60 fms. stream wire 2 3/4" 6/24, breaking test 21.1 tons.

120 fms. towline 8" Manilla

90 fms. hawser 2 3/4" 6/24, breaking test 21.1 tons.

Report on masts & rigging attached. - INTERIM CERTIFICATE issued, copy attached.

Plans of midship section and longitudinal section returned herewith. Plan of shell expansion as now built forwarded herewith.

M.B.C.



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M/S "BERNY"

Intermediate bottom frames:- 30 partly removed, faired and refitted.

2 faired in place

Tankside brackets: 25 renewed

20 removed, faired and refitted

3 faired in place

Tank top plating:

centre line strake: 2 plates renewed

3 plates faired in place

Strake next to centre strake (p &amp; s):

2 plates renewed

1 plate cropped partly renewed, partly refitted.

7 plates removed, faired and refitted.

strake at tank side (p &amp; s)

7 plates faired in place

Centre keel:-

3 plates renewed

8 plates, cropped, faired and small part renewed.

Tankside:- Port side

2 plates renewed

4 " cropped and small part renewed.

Starb<sup>d</sup> side

5 " " " " " "

Rivets in bottom structure: a great number renewed.

All double bottom tanks and peaks tested to Rule Requirements <sup>on completion</sup> and found satisfactory.

Hatchways: Aft end of No.1 hatchway coaming removed, faired and refitted.

All hatchbeams removed, examined and repaired, as found necessary.

A number of minor repairs effected.

RECLASSIFICATION SURVEY:

Ship 6 years old.

Please see Classn(H) letter dated 24/4.56 and the memorandum dated 8/11.55.

PERIODICAL SPECIAL SURVEY "C" (Ship 6 years old)" See also Conditions of Class.

NOW DONE:-

Ship placed on pontoon, shell plating, sternframe and rudder cleaned, examined and coated. Rudder lifted. Ship undocked 28/8.56.

EXAMINED:

Holds, fore and after peak spaces, engine space, under engines, plating in way of sidelights, overboard scuppers and discharge pipes, decks with machinery and other casings, superstructures, skylights and companionways, hatchways, covers, supports, tarpauline, cleats and battening arrangements, anchors, chain cables, chain locker, masts rigging, steering gear, auxiliary steering gear, windlass, general equipment, ventilator coamings and covers, and air and sounding pipes (striking plates fitted) and cargo battens.

Freeboard verified.

(Renewal survey now carried out)-

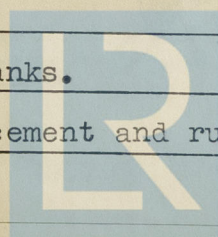
The structure was specially examined for signs of wastage. All parts examined were found in good condition and it was therefore not considered necessary to drill the structure.

EXAMINED (internally and tested:

Fore- and after peak tanks, all double bottom tanks.

All spaces previously cleared, ceiling lining, cement and rust

contd./...



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