

**COPY**

Alterations to previous Recommendations  
and Cost of each Item as below.

(The figures were tentatively approved  
by all parties concerned)

HULL DEPT.

1. A- 1 plate (Port side) renewed.	¥191,000.-
2. B-12 plate (Port side) removed and faired and edge renewed.	107,000.-
3. D- 6 plate (Port side) removed and faired and refitted.	67,000.-
4. D-16 plate (Port side) renewed.	248,000.-
5. D-17 plate (Port side) renewed.	400,000.-
6. H-14 plate removed and faired.	280,000.-
7. A- 1 plate (Stbd. side) renewed.	191,000.-
8. A- 3 plate (Stbd. side) renewed.	170,000.-
9. E- 1 plate (Stbd. side) partly renewed and remaining portion repaired.	40,000.-
10. Distortion of plating at port & Stbd. sides of No.2 hatch faired in place 6 beams of Stbd., 3 beams on port faired.	200,000.-
11. Fore foot and slab faired in place.	85,000.-
12. Bilge keel	300,000.-
Port side 15 sq.ft. faired in place. 113 ft. x 10 in. x 11/16 in. renewed.	
Stbd. side 12 sq.ft. faired in place. 41 ft. x 10 in. x 11/16 in. renewed.	
13. Sounding pipes in Nos. 2 & 3 hold cropped and renewed.	20,000.-
14. Heating coil in No.1 Tank - 3 flanges rewelded. Heating coil in No.2 D.B. tank stbd. 2 flanges rewelded, one fractured pipe renewed 3 ft. long. 2 flanges rewelded on No.2 D.B. tank port. One fractured pipe close to bulkhead renewed 4 ft. long. in No.3 D.B. tank, port. Two flanges rewelded in No.3 D.B. tank, stbd. Three flanges rewelded in No.4 D.B. tank, port. One flange rewelded in port. Six flanges rewelded on No.5 D.B. tank stbd. and 5 flanges rewelded and three sections of pipe found fractured reconnected.	110,000.-
15. One shackle pin of port anchor chain renewed.	2,000.-



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HULL DEPT.

Internals repairs as per attached list. 2,604,000.-

Cement chocks and lumbers in each hold renewed as follows: 1,000,000.-

No.2 Port	48	No.4 Port	28	No.1D.T(P)	6
No.2 Stbd.	39	No.4 Stbd.	22	No.1D.T(S)	6
No.3 Port	18	No.5 Port	20	No.2D.T(P)	8
No.3 Stbd.	16	No.6 Stbd.	20	No.2D.T(S)	8
				No.3D.T(P)	8
				No.3D.T(S)	8

TOTAL HULL -- ¥6,016,000.-

MACHINERY DEPT.

Spare propeller on poop house checked and installed.  
 Damaged propeller stored on poop. 331,200.-  
 Propeller blades polished.

Aux. circulating pump - bucket built up and machined. 25,000.-

Main engine L.P. eccentric straps (two of top half) remetalled. 164,000.-

Main engine crank shaft lifted up and four main bearing remetalled and adjusted. 684,000.-

Boiler blowdown valve fitted direct to shell plate. 15,000.-

Boiler blowdown pipe renewed. (2 in. x 10 ft.) 16,000.-

Port boiler front wall brick renewed. 170,000.-

Bilge pump Discharge pipe renewed. (3 in. x 12 ft.) 22,400.-

Aux. condenser cleaned and hydraulic tested. 60,000.-

Steam by-pass valve to heating coil repaired. 42,000.-

Aux. condenser cover stud hole repaired. 22,000.-

Tail shaft drawn out and checked on lathe, magnaflux tested. Rope guard renewed. Stern gland repacked. 300,000.-

New propeller key manufactured. 15,000.-

Switch board checked and No.2 aux. generator adjusted. 36,000.-

TOTAL MACH. -- ¥1,902,600.-

Total Hull and Machinery -- ¥7,918,600.-

SEEN NOTED & APPROVED  
 WITHOUT PREJUDICE  
 SUBJECT TO ADJUSTMENT

*Peter Hanson*  
 Surveyor to Lloyd's Register



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