

5" CLAN MACPHERSON:- DAMAGE REPAIRS:-

Now done:- Vessel placed in dry dock, the bottom cleaned and examined.

DAMAGE REPAIRS:- PORT SIDE (Aboard Engine & Boiler Space.)SHELL PLATING:-

M. STRAKE:- One plate renewed.

L. --- :- One plate renewed, and one plate removed, faired & replaced.

K. --- :- Two plates renewed.

J. --- :- One plate renewed, and one plate faired in place.

H. --- :- One plate renewed, and one part renewed.

G. --- :- One plate renewed, and one part renewed.

F. --- :- Two plates renewed.

Two lengths of Bilge Keel and T Bar on F strake removed, faired and replaced.

MAIN FRAMES:-

Nine frames renewed. Two part renewed and one frame removed, faired and replaced.

TANK MARGIN BRACKETS:-

Three brackets renewed, and nine removed, faired and replaced.

BRIDGE DECK:-

Two stringer plates, and angles part renewed.

One deck plate removed, faired and replaced.

Bunker hatch coaming removed, faired and replaced.

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

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EL. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 30 or 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.		
STAR. ANC.	1st Bower	60	2	21												
146 Yds	2nd "	59	10		Stockless			4	18	0	14	60			WOODS VIKING	
	3rd "	51	3	0								50	2			Chester 11.9.14.
PORT ANC.	Collection Weight.	141	2	21								140	2		Saltina/	for Parsons.
	Stream														Chute	
	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 Table 30 or 31.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Stain- tory.	Breaking.	Supplied.	Per Table 30 or 31.	Length.	Diam.			
50641	Fathoms. 45 1/2	Inch. 2 3/16	Tons. 56 1/2	Tons. 120 1/2	Cwts. grs. lbs. 108-3-10	Cwts. grs. lbs. 104-1-12	Fathoms. -	Inch. 2 3/16	STUD LINK.	Not stated	6.9.14. Tipton J.M. Russell.
Iron Stream Chain Steel W.											

Four rail stanchions and rails removed, faired and replaced and three renewed. One fairlead, one ventilator and coaming, and spring relief valve and switch-cock on wash deck pipe renewed.

One bollard and wash deck service pipe removed to effect repairs and replaced.

Bath House on Bridge Deck:-

Two deck house plates and one stringer plate on top of same renewed. Wood top part renewed and covered with canvas. One port light renewed complete, and one port glass renewed. Wash deck pipe, Bath, Sanitary Tank

5" CLAN MACPHERSON:-

with connections to same and all fittings in way of damage removed to effect repairs and replaced.

Two lifeboat davits removed faired and replaced.

One lifeboat renewed (complete) and fitted.

BRIDGE SPACE BUNKERS:-

One bridge deck "through" beam, and five "carlin" beams renewed.

Two sidelights through shell plating renewed.

One upper deck stringer plate renewed and angle part renewed.

Cement chocks in way renewed.

Two deck plates removed faired and replaced, and one plate faired in place.

Wood linings, units and casings removed to effect repairs and replaced.

"TWEEN D." BUNKER:-

Six upper deck "carlin" beams removed, faired and replaced and two "through" beams faired in place.

Two main deck stringer plates part renewed, and one doubling plate removed, faired and replaced.

One deck plate faired in place.

Hatch coaming angle renewed, and stringer angle part renewed.

Cement chocks renewed. Scupper pipe renewed, and

Air pipe removed to effect repairs and replaced.

BUNKER POCKET:-

One plate renewed, and one plate removed, faired & replaced. Deep tank pipe renewed.

ENGINE & BOILER SPACE:-

Six main deck "carlin" beams removed, faired and replaced.

Two side stringers composed of Intercoastal plate, deep angle and shell lugs renewed.

Two stanchions removed, faired and replaced.

Scum Bulkhead plating part renewed, and part removed faired and replaced. Rider plate on port boiler stove renewed.

Stokehold flooring part renewed.

Holes in bunker and engine room bulkheads plated over and made watertight. All pipes in way of repairs removed

to effect same and afterwards replaced.

Ceiling & sparring in bunker pocket No 2 hold, No 3 or Deep Tank, and No 4 and 5 Holds & Tween deck's removed, all iron

work in same, and in double bottom tanks (internally) in way of same cleaned and coated and ceiling and

sparring replaced with part new.

One lower anchor, and Fortiffins' Lathams of chain cable of rule size, Weight and Test, placed on board, to replace an anchor, and corresponding length of cable, stated to have been for

"S" CLAN MACPHERSON:-

Particulars of which, please see back of Rpt 8.

PART SPECIAL SURVEY No 3:-

Vessel placed in dry dock, the bottom cleaned examined and coated. Rudder lifted, bushed and refitted. The holds, peaks "tween decks", coal bunkers and machinery space cleared, all the close ceiling and sparring removed from tank top etc in holds and bunkers. All oxidation removed from the surfaces of steel work generally. Steel work examined and with exception of parts repaired, as stated below, found in good condition and coated. Plating under sidelights examined. (There being no indication of wasting, it was not considered necessary to drill the shell plating) All the double bottom tanks (except E+B Tank) tested. Deep Tank and Aft-peak Tank tested. All the double bottom tanks, including Deep Tank examined internally, all broken and loose cement made good, floors etc. scaled and coated where necessary. Tank tops tarred and cemented and ceiling and sparring relaid and refitted with part new as necessary. Hatches, hatchways, Tunnel Watertight door, windlass, steering gear and connections, and general equipment examined and found or put in good order. Cables ranged and examined. Chain locker examined and cables replaced. Freeboard verified. Airy sounding pipes etc. REPAIRS:- WEAR & TEAR:- Steel Centre division bulkhead in chain locker renewed. Several items on deck of a minor nature made good.

TO COMPLETE SPECIAL SURVEY No 3:-

Aft-peak Tank to examine internally.
Engine & Boiler Room Tanks to test (cement on tank top to part remove for examination of tank adjoining margins)
Weather decks to drill, gauge and examine.
Masts, spars and rigging to examine.
Hand pumps and Watertight doors on stokehold Bulkhead to work and test.
Poop and Forecastle Spaces to scale and examine.
Hatch coamings in way of steam pipes to scale & examine.
Casings to examine.

NOTE:-

The Owners representative states the Survey will be completed within the year of grace

M. Macleod.

G. J. Millar.

Wm Macleod
18-10-19