

15 JUL 1947

22 CERN-Y-BRYN

S.S. "CERN-Y-BRYN"

Damage Repairs. Damage stated to have been sustained as a result of groundings during "Operation D. Day".

Main Engines:- I.P. column found broken at the foot now renewed. I.P. section of bedplate found broken through bottom flange at after end was renewed. Bedplate, ^{and transverse} re-checked throughout, all holding-down bolts renewed, columns and engine shafting lined up after re-metalling all main bearings & bottom ends, checked and found satisfactory.

Repairs, Wear & Tear. After main feed pump water end renewed. Ballast pump water ends bored & buckets and rods renewed.

General service pump bucket rods renewed. Main circulating pump piston valve, impeller shaft & bearings renewed. Main generator crankshaft skinned & main bearings and bottom ends renewed.

Main engines:- H.P. piston rod and shoe renewed. I.P. shoe re-metalled. H.P. & I.P. top end brasses renewed. Engine driven feed pump, one ram renewed and one skinned.

Boilers:- All plain tubes renewed in Port & Starboard boilers, and all superheater elements renewed and tested.

Oil fuel installation. A new oil fuel installation has been fitted in accordance with the Rules, approved plans and the Secretary's letters, examined, tested and found satisfactory under working conditions.

S.R.L. All machinery items now dealt with.

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Electrical Installation:- Now Done:- Special survey complete.

Revised:-

All amidship accommodation rewired; sailors acc: aft partly rewired; Wheel house and navigation side lights, engine room and stoke hold.

A new switchboard has been fitted and new distribution boards as required.

Nos 1 & 2 Generators overhauled and new main cables fitted. Cargo sockets overhauled and rewired as required.

The equipment was "megger tested" and examined under working conditions after repairs and all found satisfactory.

F.H. Tinkell



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