



One copy.



Telephone Wallsend 63181(5 Lines)

15.

Telegraphic & cable address:-  
NEPTUNE, NEWCASTLE-ON-TYNE.

NEPTUNE WORKS,  
WALKER,  
NEWCASTLE-ON-TYNE.6.

SWAN, HUNTER, & WIGHAM RICHARDSON, LIMITED.  
Shipbuilders & Engineers,  
WALLESEND AND WALKER  
London Office: 21, Russell Square, W.C.1.

Our Ref: 7TW/M.

19th October 1938.  
Wednesday.

ALL OFFERS ARE SUBJECT TO OUR USUAL STRIKE, ACCIDENT  
AND GUARANTEE CLAUSES, AND TO THE OTHER CONDITIONS  
IN OUR PRINTED FORM OF CONTRACT.

Your Ref:

Messrs. The Surveyors to Lloyds Register,  
Collingwood Buildings,  
Collingwood Street,  
Newcastle-on-Tyne, 1.

Dear Sirs,

**YARD N° 1567**  
**ENG No. 1606.**

The engines in this ship are of the single screw  
Doxford four cylinder opposed piston airless injection balanced  
type, particulars as follows:-

Bore of cylinders	...	600 m/m
Stroke of lower piston	...	1,340 "
" " upper	...	980 "
Service r.p.m.	...	95
" B.H.P.	...	2,800
" I.H.P.	...	3,200
" M.I.P.	...	84
Max. combustion pressure	...	40 atm. (568 lbs. per sq. inch)
Mean piston speed	...	723 ft. per minute.

We shall be pleased to receive your approval of the  
following sizes of shafting:-

Intermediate shafting	...	13 <sup>3</sup> / <sub>4</sub> " dia.
Tail shaft	...	15 <sup>1</sup> / <sub>4</sub> " "
Tail shaft at coupling	...	14 <sup>1</sup> / <sub>2</sub> " "
Propeller	...	16'-6" "

Continuous liner fitted on tail shaft.

Yours faithfully,

Lloyd's Register  
Foundation  
*[Signature]*

*[Handwritten initials]*

W174-0132