

Telegrams,  
"ROWAN" Phone Glasgow.

Cablegrams,  
"ROWAN" Glasgow.

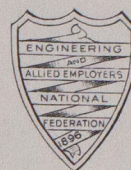
Cable Codes,  
A.B.C. (4 and 5 Editions)  
Lieber's.

Telephones,  
Central 6601 (4 Lines)  
Private Branch Exchange.

# DAVID ROWAN & CO., LIMITED.

Marine Engineers and Boilermakers,

231, Elliot Street,



GLASGOW, C.3. Friday, 7th Octr., 1938.

LLOYD'S REGISTER  
GLASGOW

7-1001-1938

ANSO

Messrs. Lloyd's Register of Shipping,  
95, Bothwell Street,  
GLASGOW, C.2.

Dear Sirs,

CONTRACT 1020 - S.S. No. 906.

SHAFTING:- As arranged with your Surveyor, we  
enclose print, in duplicate (Drg. No. 6450, O.E.) of Crank  
Shaft for above Contract.

This Drawing was supplied to us by Messrs. Wm.  
Doxford & Sons, Ltd., Sunderland, as a Standard Drawing  
for their Standard 56, L.B.4 type Opposed Piston Oil  
Engine, one of which we are at present building under  
license from them, for our Contract 1020.

We understood that this Crank Shaft Drawing had  
already been submitted by Messrs. Doxford to your London  
Office, and approved, but we are now advised that  
Messrs. Doxford have not, themselves, submitted it, and  
that their three Contract Nos. 193, 194 and 203, marked  
on the Drawing, have been constructed under other Classifica-  
tion than Lloyd's.

We are now also informed, however, by Messrs.  
Doxford that a similar Crank Shaft has been previously  
submitted to you by Messrs. Barclay, Curle & Co., and  
approved by you for S.S. "ORNA," engined by them.

Our Crank Shaft is now partially completed, as  
shewn, the pieces all having been shrunk together, and has,  
of course, been constructed under the inspection of your  
Surveyor, of materials ordered by us to your requirements  
and tests, and supplied to us accordingly by the Makers.

We regret the misunderstanding which has occurred  
regarding/

Lloyd's Register  
Foundation

W1163-207 1/3



# DAVID ROWAN & CO., LTD.

SHEET

No. 2.

To Messrs. Lloyd's Register of  
Shipping.

DATE 7/10/38.

regarding submission of the Drawing, and trust you will be able to let us have your formal approval.

The following are the particulars of the Engine:-

Four-cylinder Engine with lever-driven Scavenge Pump,  
and Oil and Water Pumps.

Cylinder Diameter ..... 560 m.m.  
Combined stroke ..... 2,160 m.m.  
Width of Main Bearings over edges, 250 m.m.  
Maximum Combustion Pressure ..... 570 lbs. per sq.in.  
Mean Indicated Pressure ..... 90 " " " "  
Diameter of Forward Flywheel ..... 2,120 m.m.  
Weight of " " ..... 3.77 tons.  
Diam. of Aft Flywheel ..... 2,120 m.m.  
Weight of " " ..... 3.62 tons.  
I.H.P. of Engine in service ..... 3,250.  
B.H.P. of Engine " " ..... 2,850.  
R.P.M. of " " ..... 110.  
Piston Speed (mean) ..... = 775 ft. per min.  
Diam. of Propeller ..... = 16'-0".

We enclose, for your information, prints (in  
duplicate) as follows:-

2  
2  
2

Tunnel Shafting ..... Trac. No. 30290.  
Propeller Shaft ..... " " 21166.  
Ship Arrangement ..... " " 43701.

We/



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DAVID ROWAN & CO., LTD.

SHEET

No. 3.

To Messrs. Lloyd's Register of  
Shipping.

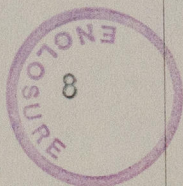
DATE 7/10/38.

We have also sent a copy of this letter to  
Messrs. Doxford.

Yours faithfully,

DAVID ROWAN & CO., LIMITED,

Per A. N. Grierson.



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