

**LLOYD'S REGISTER OF SHIPPING  
17 BATTERY PLACE****NEW YORK**

COPY FOR LONDON

December 1, 1937

Bethlehem Shipbuilding Corp., Ltd.  
Quincy, Mass.SUBJECT: Texas Tanker - Hull 4327  
Main Reduction Gears

REFERENCE: 4327/UBM

Dear Sirs:

I duly received your letter of the 22nd November  
enclosing the following plans for approval:

81043 Bearing Pressure Diagram  
81301 Sectional Assembly  
81302 Main Gear Assembly  
81303 Main Gear Rim  
81304 Gear Plates  
81305 Main Gear Shaft, Nut, Key and Set Screw  
81306 H.S. Pinion  
81307 Quill Shaft Key and Lock Plate  
81308 H.S. Gear Shaft  
81309 H.S.H.P. Gear  
81310 H.S.L.P. Gear  
81311 H.S.H.P. Pinion  
81312 H.S.L.P. Pinion  
81314 Bolts for Revolving Elements  
81360 220 Ch Coupling Assembly  
81361 Quill Shaft Coupling  
81362 Grooved Ring  
81363 Coupling Cover  
81399 General Assembly

With regard to Drawing No. 81305, it is assumed that  
the Shaft Coupling Bolts will be made 3-1/8" diameter as shown  
on the shipbuilders' plan.

With regard to Drawing No. 81307, it is requested that  
the radius in the root of the coupling flange be made 7/8" in-

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stead of 3/4" as shown.

Subject to the above, I have to state that provided the forgings and steel castings be tested in accordance with the Rules and specifications shown on the plans, and the arrangements as shown be carried out in accordance with the Rules and to the satisfaction of the Surveyor, and ~~be~~ satisfactorily tried at full <sup>power</sup> ~~pressure~~ upon completion, the same will be approved.

One copy of each plan has been signed and is returned herewith.

Yours faithfully,

JSA

Senior Engineer Surveyor.

JSH:H  
encl.

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