

MEMORANDUM FOR OFFICE USE ONLY.

Steel s.s. "CADILLAC", No. 16589 in the Register Book, classed  
100A1 Shelter deck with Freeboard, Carrying Petroleum in Bulk,  
with the special notation "Longitudinal Framing".

Built by Messrs. Palmers S.B. & I. Co. Ltd. in 1917

Owners: The Anglo American Oil Co. Ltd.

Dimensions: 530 x 66.5 x 42 to shelter dk.

*phoned*  
The Owners Representative, Mr. Wilson, has ~~called~~  
~~at~~ this Office and requested to be informed, in the event  
of it being necessary on account of wear and tear to renew  
the bottom longitudinals in this vessel, whether 17" channels  
could be substituted for the built sections.

The bottom longitudinals, etc. as fitted in the  
ship and as required by the Revised Rules are set forth  
below:-

	<u>In Ship</u>	<u>Revised Rules.</u>
Btm. Longitudinals	19 x .44 plate 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .44" Angles	18 $\frac{1}{2}$ x .44 plate 4 x 3 $\frac{1}{2}$ x .50" angles = 100 l Y or 17 x 4 x 4 x .76 channels.
Shell.	.74"	.77"
Brackets.	66 x 42 x .44 flanged 16 - $\frac{7}{8}$ R. to Bhd. 4R Lap on longitudinal. No back bars to longitudinals at bhd.	62 x 57 x .44 flanged 16 - $\frac{7}{8}$ R. to Bhd. 21 - $\frac{7}{8}$ R. to Longitudinal For 17" Channel Back bars 4'-8" each side of Bhd.

W20-0031(12)

Attach New 13-13-15



Mr. Wilson has been informed by telephone as requested that the new bottom longitudinals may be 17 x 4 x 4 x .76" web x .68" flange channels, the horizontal arm of the brackets attaching these longitudinals to the bulkheads should be 57" in width, the ~~transverse~~<sup>vertical</sup> arm being 66" as before, the brackets being .44" in thickness and flanged at their edge. 21 -  $\frac{7}{8}$ " rivets should be fitted in the horizontal arms of these brackets. Back bars, 4'-8" in length should be fitted attaching the bottom longitudinals to the shell plating on each side of the transverse bulkheads, except in No.1 tank where these back-bars should be fitted throughout the length of the tank.

*CCF*  
23.7.29. *MD*

*Wm. Dickerson*



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