

Enclosure.

16th August, 1949.

Dear Sirs,

E.

S.S. "MARTIN CARL"

I am in receipt of your letter of the 4th instant, with enclosures respecting the above vessel and in reply have to inform you that the sketch No. 51/4154 showing the proposed method of carrying out the repairs to the centre combustion chamber of the port boiler has been examined, and it is observed that with the exception of the top fore and aft seam it is not possible to weld the combustion chamber seams from both sides of the plate.

C.  
It is considered desirable that wherever practicable such seams should be welded from both sides of the plate and with this object in view it is suggested that consideration might be given to the following proposal viz:-

- 1) The plain and stay tubes in the centre nest be cut out and the furnace be released from the front end plate of the boiler, thus permitting the removal of the combustion chamber tube plate with furnace attached.
- 2) The combustion chamber be completely fabricated outside the boiler with seams welded from both sides of the plates.
- 3) The completed combustion chamber with furnace attached be placed in the boiler and the furnace passed through the front end plate sufficiently to permit of the inner weld of the back closing plate being made.
- 4) The combustion chamber and furnace can then be correctly positioned for the fitting and welding of the c.c. stays, riveting of furnace mouth and fitting

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of tubes.

Should however, the Owners insist on the retention of the combustion chamber tube plate in position no exception will be taken to the proposal as shown on the sketch provided the scantlings of the combustion chamber be as required by the Rules, the welding be carried out to the satisfaction with approved electrodes, steps be taken to ensure that the weld metal penetrates the full thickness of the plating and on completion of the repair the boiler be tested by hydraulic pressure and found tight and sound.

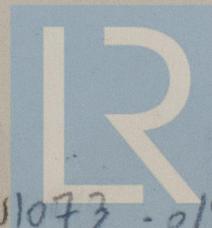
/Surveyors

One copy of the sketch is returned herewith.

Yours faithfully,

*Ad.*  
pro Secretary.

The Surveyors,  
NEWCASTLE.



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