

$\frac{1}{8}$ " DOUBLING PLATE RIVETS  $\frac{5}{32}$ " DIA  
 $\frac{3}{16}$ " DIA: HOLES FITTED<sup>S</sup> OUTSIDE SHELL  
WITH SHORT AXIS LONGITUDINALLY.

CIRCUMFERENTIAL SEAM 38" PITCH  
1 5/32" DIA. RIVETS 1 3/16" DIA HOLE  
PLATE 67.2% RIVET 40.5%

|              |                       |
|--------------|-----------------------|
| OUTSIDE BUTT | $\frac{1}{8}$ " THICK |
| INSIDE       | $\frac{1}{16}$ "      |

EVERY ALTERNATE RIVET OMITTED FROM  
INSIDE ROW ABOVE CENTRE LINE OF  
BOILER EXCEPT IN WAY OF BUTT STRAPS.

THESE RIVETS AT EACH  
END TO BE COUNTERSUNK  
ON INSIDE OF SHELL.

CC STAYS IN WAY OF  
BUTTSTRAP TO BE HERE

| PARTICULARS OF STAKING |             |                               |
|------------------------|-------------|-------------------------------|
| STAYS                  | DIA         | SPT. AREA<br>ACROSS OF THREAD |
|                        |             | NO OF<br>THDS PER INCH        |
| STEAM SPACE STAYS      | 3 1/2"      | 2.664                         |
| BOTTOM STAYS           | 2 1/2"      | 5.055                         |
| C.C. STAYS             | 1 1/2"      | 2.397                         |
| " "                    | 1 1/4"      | 2.066                         |
| GIRDER STAYS           | 1 1/4"      | 2.066                         |
| STAY TUBES             | 5/16 3 1/2" | 2.364                         |
|                        |             | 9                             |

NOTE 1:- THE PLATES, RIVETS & STAYS, OF STEEL BY THE SIEMENS MARTIN PROCESS

ALL RIVET HOLES DRILLED THROUGHOUT THE BOILER THOSE IN SHELL AFTER THE PLATES ARE BENT.

28 & 32 TONS PER D". THE COMBUSTION CHAMBER STAYS ARE SCREWED INTO BOTH PLATES

FITTED WITH NUT AT EACH END ON GIRDER STAYS, ON STAYS IN CENTRE WATERWAYS &

— AMOS & SMITH LTD  
— ENGINEERS —  
— ALBERT DOCK WORKS  
— HULL —

CARE TO BE TAKEN THAT  
C.C. STAYS ARE KEPT SUFFICIENTLY  
CLEAR OF ROUND SO THAT FULL  
NUTS CAN BE GOT ON FLAT PLATE

# 2STEEL BOILERS №3256&9

TITLE *Boiler*

FOR WHOM

DATE 17-3-19

ORDER 3256-9

IF MADE 

SCALE 1" = 12" INCHES



A.S. 85 — 2000 — 9/19 — E.W.

From AMOS & SMITH, Ltd., HULL.

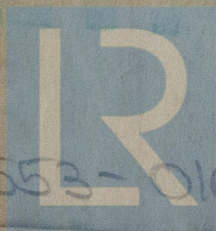
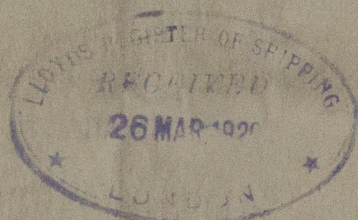
ENCLOSURE FOR

Lloyds Surveyors  
Hull.

W 553 - 0104 1/2

AMOS & SMITH'S.  
STEEL BOILERS.  
N<sup>os</sup> 3256 & 9.  
180 L<sup>Bs</sup> W.P.

s/s Braemore Hull Rpt No. 32989



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Lloyd's Register  
Foundation

W553-0104