

Memorandum.

From James Laing.  
Deptford Yard.  
Sunderland.

March 11<sup>th</sup> 1880  
To Mess<sup>rs</sup>.  
Lloyd's Surveyor  
Sunderland.

S. S. Grapples.

Fore Mast.

Hoisting 17 <sup>ft</sup> 4"	{	heel 15 inch diam
hounds 52 <sup>ft</sup>		deck 19 <sup>1</sup> / <sub>2</sub> " d.
top 18 <sup>ft</sup> 8 inch.		hounds 16 <sup>1</sup> / <sub>2</sub> d.
		Top. 8" diameter.

Plating  $\frac{5}{16}$ "  
above hounds  $\frac{5}{16}$ " & heel  $\frac{5}{16}$ ".  
doubling plate in way of deck 10<sup>ft</sup> long  
do — do — —  $\frac{5}{16}$ ".  
Lap. — — —  $3\frac{3}{4}$ " inches.  
Rivets — — —  $\frac{5}{8}$ "  
Spaced.  $2\frac{1}{2}$ " from foot to foot.  
Bolt straps  $\frac{1}{16}$  thicker than plates &  
double riveted.

Alg.



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