

3/5 Lammgren

See ref. No. 24393 (F.E.)

Measured  
Maximum Daily Transverse Movement of panning etc during the Voyage Middlesbrough to Montreal

Date		April 19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	Reduction in deflection of panning due to a change of draughts of 18.5' aft 14.5' fore to 15.5' aft 13.5' fore while unloading at Montreal
Estimate from Log regarding Weather etc		Wind fresh Slight Sea	Wind Mod. beam Confused swell Rough, pretty early	Wind Mod. beam Confused swell Rough early	Do Do patchy to Rolly Heavily	Strong beam Rough Conf. Swell Rolly heavily	Right beam Slight Smooth	Strong beam Rough Conf. Swell Rolly & pretty	Wind Wind Smooth	
Speed Revs No. 1 Hold No. 2 Hold No. 3 Hold	Wine 1 <sup>st</sup> 1 Port	ms 1/4	ms 1/6	ms 1/6	ms 1/6	ms 3/32	ms 1/32	ms 1/64	ms 1/64	ms
	" 2 "	1/4	3/32	1/32	1/6	3/32	1/32	3/64	—	1/6
	" 3 "	—	1/6	(8)	(8)	(8)	1/6	3/32	1/64	—
	" 1 Starb <sup>d</sup>	—	1/32	1/6	1/6	1/6	1/32	1/6	1/64	—
	" 2 "	—	1/32	1/6	1/32	3/32	1/64	1/6	—	1/6
	" 3 "	—	1/6	(8)	(8)	(8)	1/32	(8)	1/64	—
	Wine 1 <sup>st</sup> 1 Port	1/32	3/32	(8)	1/6	1/6	3/64	3/32	—	—
	" 2 "	—	3/32	(8)	1/32	1/6	3/64	3/32	—	1/4
	" 3 "	—	3/32	3/32	1/6	1/6	1/32	3/32	—	—
	1 Starb <sup>d</sup>	—	1/6	1/6	1/32	3/32	3/64	1/6	—	—
	" 2 "	1/32	1/6	1/6	1/32	1/8	3/64	1/6	—	1/32
	" 3 "	1/32	1/6	1/6	3/32	(3/32)	1/32	1/6	—	—
	Wine Port	—	—	—	—	1/32	1/64	1/32	—	—
	" Starb <sup>d</sup>	—	—	—	—	(3/64)	1/64	(3/64)	—	—

Notes: Circled figures are Maximum Movements measured in each hold during the passage.  
Movements of panning are those at mid length of frame in each case.  
Time of Movement (Zero - Max. - Zero) from 6 to 7 seconds.

Revs	15.5	15.8	15.2	16	14	16.6	16.3	16.7
Speed	12.25	12	11.0	11.75	10	12.75	10.75	12.0



© 2021

Lloyd's Register  
Foundation

W1143-0107 1/2



S/S Cunningham

Maximum measured daily transverse movement of framing etc during the passage Middlesbrough to Montreal

(Caled)

Transverse Movement of Framing  
No 4 Hold  
No 5 Hold

Date	April 19th	20th	21st	22nd	23rd	24th	25th	26th	Reduction in deflection of framing due to a change of draft, of 18-5" x 12-5" to 15-5" x 13-5" while unloading at Montreal
Wine 1-1 Put	$\frac{1}{32}$ <sup>ms</sup>	$\frac{1}{16}$ <sup>ms</sup>	$\frac{1}{16}$ <sup>ms</sup>	$\frac{1}{32}$ <sup>ms</sup>	$\frac{1}{32}$ <sup>ms</sup>	$\frac{1}{32}$ <sup>ms</sup>	$\frac{1}{16}$ <sup>ms</sup>	$\frac{1}{16}$ <sup>ms</sup>	
" 2 "	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{3}{64}$	$\frac{1}{32}$	$\frac{3}{32}$	$\frac{1}{64}$	$\frac{3}{32}$
" 3 "	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{64}$	
" 1 Start	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{64}$	
" 2 "	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{64}$	
" 3 "	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{3}{64}$	$\frac{1}{32}$	$\frac{1}{64}$	$\frac{3}{32}$
Wine 4-1 Put	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{16}$	
" 2 "	$\frac{3}{32}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{16}$	
" 3 "	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{32}$	$\frac{1}{16}$
" 4 "	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{32}$	
" 1 Start	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{32}$	
" 2 "	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{32}$	
" 3 "	$\frac{3}{32}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{64}$	$\frac{7}{64}$
" 4 "	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{3}{32}$	$\frac{3}{64}$	$\frac{3}{32}$	$\frac{1}{64}$	

Note - Circled figures are Maximum Moments measured in each hold during passage.

Moments of framing are those at mid length of frame in each case.

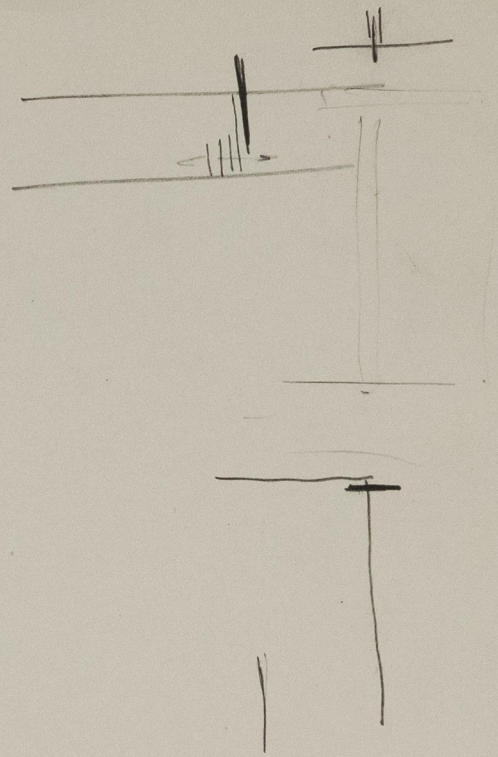
Time of Movement (Zero-Maximum-Zero) from 6 to 7 seconds.



© 2021

Lloyd's Register Foundation





© 2021

Lloyd's Register  
Foundation