

S/S 'Carnegie'

Longitudinal Stress range Calculated from observed Strain during the passage Middlesbrough to Hull
For points at which Stress was Measured See point No

Date		11 th 9 th	10 th	11 th	12 th	13 th	14 th	15 th
		Tens/ins ²	Tens/ins ²	Tens/ins ²	Tens/ins ²	Tens/ins ²	Tens/ins ²	Tens/ins ²
①	(A) Upper Deck Stringer plate about 1/2 h aft port	.20	.12	.16	.16	.16	.20	-
② Points at	(B) " " " " " " " " Starboard	.18	.12	.16	.16	.14	.20	-
③ Which	(C) (D) " " " " " " " " Amidships port	.61	.61	.82	.72	.61	.92	.16
④ Strain was	(E) " " " " " " " " Starboard	.31	.30	.41	.41	.51	.72	.10
⑤ Measured	(F) (G) " " " " " " " " Port	.41	.41	.51	.41	.41	.55	.10
⑥ See point	(H) " " " " " " " " Port	-	.41	.51	.51	.61	.82	.08
⑦ 1/2	(I) (J) " " " " " " " " Starboard	-	.51	.51	.41	.55	.82	.08
⑧ 1/4	(K) (L) " " " " " " " " Port	.14	.16	.16	.20	.18	.24	-
⑨ 1/2	(M) (N) " " " " " " " " Starboard	.14	.16	.16	.20	.16	.30	-
⑩	(O) " " " " " " " " Port	-	-	-	.51	.51	.62	.10
⑪	(P) Upper Deck Girder abreast bunker Hatch on port Side (See point 1/2)	-	-	-	.17	.21	.25	.07
⑫	(Q) Bunker Hatch Coaming B.A Port Side Top of Border Casings Side	-	-	.50	-	-	.65	-
⑬	(R) " " " " " " " " Port	-	-	.10	-	-	.65	-
⑭	(S) Upper Deck Sheerstrake about 1/4 Forward of SS	-	-	-	-	.37	.51	-
⑮	(T) " " " " " " " " Port	-	-	-	-	-	.41	-
⑯	(U) " " " " " " " " 1/4 aft of SS	-	-	-	-	-	.41	-
⑰	(V) " " " " " " " " Port	-	-	-	-	-	.41	-



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W1143-0107.3