

m.v. "CARDIUM".

NEWCASTLE REPORT NO. 87874.

List of plans and forging reports.

Plan	No.	
	1.	Midship section.
"	"	2. Profile & decks.
"	"	3. Alternative attachment wing tank floors to longitudinal bulkhead.
"	"	4. Alternative transverse bulkhead stiffeners in wing tanks
"	"	5. Scantlings at forward oil tanks.
"	"	6. Riveting list.
"	"	7. Profile & decks. (See also No.2.)
"	"	8. Forward oil tanks.
"	"	9. Propeller brackets.
"	"	10. Fly to Propeller brackets.
"	"	11. Holes in centre girder.
"	"	12. Aft end framing.
"	"	13. Fore end framing.
"	"	14. Aft end boss framing.
"	"	15. Shell expansion (forward).
"	"	16. Shell expansion (aft end).
"	"	17. O.T. bulkheads. Nos. 62,78,94,98, & 114.
"	"	18. O.T. bulkheads. Nos. 130 & 146.
"	"	19. Engine seating.
"	"	20. Forward cofferdams.
"	"	21. O.F. bunker & Cofferdam bulkhead.
"	"	22. Pillar Nos. 169 & 18.
"	"	23. Longitudinal bulkhead (non O.T.) at oil fuel bunker.
"	"	24. Fore peak bulkhead.

Plan.	No.	
	25.	Construction at poop front.
"	"	26. Rudder and stern frame.
"	"	27. Fore end intercostals.
"	"	28. Pumping arrangement in machinery space.
"	"	29. Alternative arrangement 8" B.A. casing stiffeners at Nos. 25/29 in engine room.
"	"	30. Part plan longitudinal bulkhead showing arrangement of plating.
"	"	31. Floors in after and forward oil tanks in wings.
"	"	32. Strong beams in engine room.
"	"	33. Tween deck bulkheads in way of settling tank.
"	"	34. Lightning holes in longitudinal bulkhead P.S. in oil fuel bunker.
"	"	35. Upper deck stiffening at casing end.
"	"	36. Compensation at pump room openings.
"	"	37. Cast steel quadrant & tiller.
"	"	38. Midship section (as built).

Machinery.

Donkey boilers.

Air compressor crank.

Manoeuvring air vessel.

Fuel oil diagram.

Diagram bilge & water pipes lines.

Details of shafting.

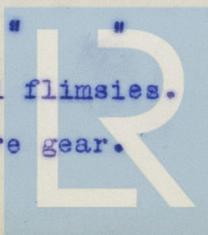
Main engine crank shaft.

4 Ship forging reports.

35 engine

Boiler steel flimsies.

List of spare gear.



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