

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.	Lightening 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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