

From: R O
Sent: Thu, 8 Feb 2024 19:12:05 +0000
To: rtw3contest@gmail.com
Subject: RTW3 Contest- CL

Good Evening,

As to keep a viable tonnage whilst the latest designs were being constructed, the Royal Navy refurbished a number of ironclads with modern armament. These were reclassified to a light cruiser, with the belief that they could be suitable for escort duty and colonial service as a stop gap. In true British fashion they went overbudget and months overdue.

Kind Regards
Rory

Ship design - 1890

The screenshot shows a ship design software interface for a light cruiser. On the left is a top-down view of the ship. The main area contains several configuration panels:

- Ship type:** CL - Light cruiser, Class name: Cerebus.
- Displacement:** 5000, Build at yard: Local yard (15,000).
- Freeboard:** Normal, Hull and fittings: 1,605 weight, 3,822 cost.
- Speed:** 18, Range: Medium.
- Horsepower:** 10,281, Machinery weight: 634, 2,419 cost.
- Engine priority:** Normal, Population: Coal + VTE, Unit machinery.
- Belt:** 2.5, Magazine box: 322.
- Belt coverage:** Normal, Inclined belt.
- Belt extended:** 1, weight: 39.
- Upper belt:** 0, weight: 0.
- Deck:** 2.5, weight: 924.
- Deck extended:** 0, weight: 0.
- Conning tower:** 7, weight: 90.
- Turrets:** 2.5.
- Turret top:** 0.
- Secondary guns:** 2.5.
- Armour scheme:** Protected cruiser, 28% weight, 0 cost.
- Amament:** 17%, 857 weight, 4,366 cost.
- Torpedo defence:** 0, TPS weight: 0, 0 cost.
- Accommodation:** Normal, Accommodation space: 348.
- Complement:** 547, Incidental costs: 1,020.
- Colonial service:** (checkbox).
- Total:** 5,000 weight, 16,846 cost.
- Weight remaining:** 0.
- Time, monthly cost:** 18, 936.

On the right side, there are panels for **Guns**, **Additional armament**, **Graphics**, **Secondary guns**, **Tertiary guns**, and **Medium and light anti aircraft guns**. The **Guns** panel shows a table of gun positions and their weights. The **Secondary guns** panel shows a table of secondary gun positions. The **Tertiary guns** panel shows a table of tertiary gun positions. The **Medium and light anti aircraft guns** panel shows a table of anti-aircraft gun positions.

Ship design - 1890

The screenshot shows a ship design software interface for a light cruiser, similar to the one above but with different configuration options. On the left is a top-down view of the ship. The main area contains several configuration panels:

- Ship type:** CL - Light cruiser, Class name: Cerebus.
- Displacement:** 5000, Build at yard: Local yard (15,000).
- Freeboard:** Normal, Hull and fittings: 1,605 weight, 3,822 cost.
- Speed:** 18, Range: Medium.
- Horsepower:** 10,281, Machinery weight: 634, 2,419 cost.
- Engine priority:** Normal, Population: Coal + VTE, Unit machinery.
- Belt:** 2.5, Magazine box: 322.
- Belt coverage:** Normal, Inclined belt.
- Belt extended:** 1, weight: 39.
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- Complement:** 547, Incidental costs: 1,020.
- Colonial service:** (checkbox).
- Total:** 5,000 weight, 16,846 cost.
- Weight remaining:** 0.
- Time, monthly cost:** 18, 936.

On the right side, there are panels for **Guns**, **Additional armament**, **Graphics**, **Flight installations**, **Catapults**, **Missile launchers**, and **Radar and electronics limit**. The **Flight installations** panel shows options for seaplane/helicopter hanger, flight deck, and deck edge lifts. The **Catapults** panel shows a table of catapult positions. The **Missile launchers** panel shows a table of missile launcher positions. The **Radar and electronics limit** panel shows options for radar limit and current radar tech.

Ship design - 1890

Turret arcs
Top/male arcs 29

Add turret

Position (select one or more)

- 1 - Port forward
- 2 - Stbd forward
- 3 - Port aft
- 4 - Stbd aft

Casemate

OK Cancel

Ship type: CL - Light cruiser

Class name: Cerebus

Developed from: [icon] [icon] [icon]

Displacement: 5000 Build at yard Local yard (15,000)

CL90 Aluminum superstructure

Freeboard	Hull and fittings	Weight	Cost
Normal		1,505	3,822

Speed: 18 Range Medium

Horsepower: 10,261 Machinery weight: 634 2,419

Engine priority: Normal Propulsion: Coal + VTE Unit machinery

Belt: 2.5 Magazine box

Belt coverage: Normal Inclined belt

Belt extended: 1 weight: 39

Upper belt: 0 weight: 0

Deck: 2.5 weight: 924

Deck extended: 0 weight: 0

Conning tower: 7 weight: 90

Turrets: 2.5

Turret top: 0

Secondary guns: 2.5

Total armour: 1,375 4,125

Armour scheme: Protected cruiser 28% 0

Amament: 17% 857 4,366

Torpedo defence: 0 TPS weight: 0 0

Accommodation: Normal Accommodation space: 348

Complement: 547 Incidental costs: 1,020

Colonial service

Total: 5,000 16,846

Weight remaining: 0

Time, monthly cost: 18 936

Guns | Additional amament | Graphics

Main guns: Calibre 5 Quality -1

Position	Guns/turret	Weight/turret
A - Forward	1	11
Y - Aft	1	11
D - Port forward wing	1 (casema...)	14
E - Starboard forward wing	1 (casema...)	14
F - Port wing	1 (casema...)	14
G - Starboard wing	1 (casema...)	14
H - Port midships wing	1 (casema...)	14
I - Starboard midships wing	1 (casema...)	14

Calibre 3 Number 20 Quality 0

Guns / turret Casemat weight 335 Autoloader

Rounds per gun 125 weight 42 DP

D - Port forward wing, casemate

F - Port wing, casemate

S - Port secondary, casemate

H - Port midships wing, casemate

7 - Port secondary, casemate

J - Port wing, casemate

S - Port aft wing, casemate

T - Starboard aft wing, casemate

Turret era: [dropdown] Sponson radius: 0

Asymmetric secondary mounts Auto place

Tertiary guns

Calibre 2 Number 6 Quality 0

Guns / turret 1 weight 6 Autoloader

Rounds per gun 150 weight 6 DP

Mount: 11 guns

Mount: 21 guns

Mount: 31 guns

Mount: 41 guns

Mount: 51 guns

Mount: 61 guns

Turret era: [dropdown] Sponson radius: 0

Victorian Add mount graphic

Clear tertiary graphics

Save and finish