Stations Manned and Ready
2nd Edition

Naval Battles in the Age of Steel

The Battle of Coronel
1st November 1914
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Naval Battles in the Age of Steel

The Battle of Coronel
1st November 1914

A BATTLE SCENARIO FOR USE WITH

STATIONS MANNED AND READY

2ND EDITION

NAVAL WARGAMES RULES FOR THE PERIOD 1885 TO 1945
USING MODEL SHIPS AND AIRCRAFT

BY ANDREW FINCH AND ALAN BUTLER
EDITION 1.1A

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INTRODUCTION

This volume is part of a series of booklets providing scenarios for Naval Battles from the Pre-Dreadnought era through to the end of the Second World War, the "Age of Steel" referred to in the title. This introduction is common to all the booklets, therefore it may refer to items that are not present in all.

Scenario Description
Following a brief introduction, a “potted history” if you like, we suggest the type of battle to be fought, if this is appropriate. Mostly a game will be fought as a typical fleet encounter.
A table set-up is provided describing the scene.

Victory conditions
Unless the game is a meeting engagement the victory conditions are defined. Many games are Breakthrough actions where one side has to get his forces off the table. The method is described in the rule book.

Forces and Special Rules
The deployment requirements for each side, and any special rules applying to the forces are shown separately. Some formations may have a delayed entry.
In some cases we may also specify some additional rules.

The map
A small map is provided, which defines which side starts where. As a convention, North is always at the top of the page, and the table is laid out so that it is based on an 8 foot by 4 foot playing area. Any terrain that should be present is also denoted on the map. The home edge for each side is defined by thicker black lines. In many cases the home edge is adjusted so that it does not follow the standard as laid down in the rules. If a force has to exit from an edge, then this is represented by a wavy line.

Fleets
The ships involved in each action are listed. As far as possible, where research has revealed the information, we have also shown the tactical orders of battle with names of the commanders of formations (shown in brackets). The ships in each formation are usually listed in descending order of size, so capital ships are listed before cruisers and destroyers. The actual composition of each squadron is left to the players. The listing shows the ship type, then the names of the ships in the class that were involved in the action.
In some cases you can choose whether to deploy the entire force at the start, or keep some off table in order to make flanking manoeuvre. Off table forces are treated as being in reserve.
Ships in the same class are grouped together and they will also appear grouped in the ship data sheets.

Aircraft
Some scenarios may include aircraft. In these cases players should organise them according to the tactical doctrine as shown in the rules. This allows some flexibility in squadrons in cases where fewer than the normal number are indicated.
Some large scenarios list a large number of separate formations of the same aircraft. These usually represent the appearance of repeat strikes by the same aircraft over a prolonged period. For this reason these separate formations should not be combined.

Comments:
Class names:
These have been taken from the names as defined in the Conway's series of books on Warships from 1860 onwards. They may be at variance to those that appear elsewhere, such as in 'Jane's Fighting Ships' for example.

Ship data:
The ship data sheets appear in the same order as mentioned earlier, which means that larger ships appear first. They are then sorted by class, then by ship name in the class. This means that when perusing the ship names these will often not be in alphabetical order.
In some cases you will find that the ship name is blank on a sheet. Check at the bottom left of the sheet in such cases and you will find the names of the ships in the class (unless the list of names is prohibitively long). Enter the name of the ship you need.
In larger battles you will have to print multiple copies of the data sheets for destroyers and smaller ships, entering the names required, so you have one sheet per ship.
In the cases where one sheet is used to provide data for multiple ships, the class name for the ships concerned is shown in bold type. If the “name ship” of the class is not in the fleet, then this name is shown in parenthesis after the list of ships at the battle.

Optional Ships:
Some scenarios allow for optional vessels and squadrons. These are shown in italics in the fleet lists, and may be used if the players wish. Bear in mind that in some cases this may make the battle rather one-sided.
The German Pacific Squadron under Admiral Von Spee was cruising carrying out commerce raids at the start of the First World War. The British, French and Japanese had squadrons searching for him at the start of the war, reminiscent of the search for the ship bearing his name at the start of the Second World War. The British squadron under Cradock intercepted him off the coast of Chile, and after a one sided fight, the British Cruisers were annihilated.

**Scenario Description**

This is a daytime battle.
This is fought with the long axis of the table running north to south.

**British forces**
The British deploy on the south edge at the start.

**German forces**
The Germans deploy on the north edge of the table at the start.
<table>
<thead>
<tr>
<th><strong>British Forces</strong></th>
<th><strong>German Forces</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>West Indies Squadron (Cradock)</strong></td>
<td><strong>East Asiatic Squadron (von Spee)</strong></td>
</tr>
<tr>
<td>AC Good Hope</td>
<td>AC Scharnhorst, Gneisenau</td>
</tr>
<tr>
<td>AC Monmouth</td>
<td>CL Leipzig</td>
</tr>
<tr>
<td>CL Glasgow</td>
<td>CL Nürnberg</td>
</tr>
<tr>
<td>AMC Otranto</td>
<td>CL Dresden, Emden</td>
</tr>
</tbody>
</table>
**HOW TO USE THE SHIP DATA SHEETS**

You can print out the data sheet for the ships you want to use in your game. There is little or no manual intervention required on your part. You will have to enter the crew quality on all ships, generated at the start of the game. In the case of destroyers and smaller vessels you will usually have to print multiple copies of sheets and add the ship names as appropriate.

Some ships have minor changes to their close range defence weapons, noted on the sheets, which you can apply if you wish to do so. Note that these changes also have an effect on the points value of the ship, as shown.

**Ship Data – Normal Ships**

The ship data on the sheets follows a standard pattern, and is explained in more detail in the Ship Data Glossary, available free of charge. This takes each part of the data sheet and briefly explains its use in the game. The fields are laid out as follows, starting at the top of the sheet. Not all fields appear on all the sheets.

The top section, above the armour boxes, shows on the left the ship name and under this its class. The ship name may be blank in the case of destroyers and smaller ships. In such cases there is a usually list of ships for which the sheet is valid at the bottom of the page.

An abbreviated ship type, a date range for which the sheet is valid, the cost in points of a ship with the indicated crew code, the base cost of the ship is shown (in parenthesis), and then the dataset number for the current sheet. A remark may also appear drawing your attention to changes to the ship’s light anti aircraft or smaller calibre guns during the validity of the sheet, shown towards the bottom right of the sheet along with the adjusted points values.

On the right hand side is shown the nationality and a box showing the reconnaissance values, which are used during game set up.

At the top of some sheets there may be an additional italicised remark in the centre which identifies a variant of a ship, or otherwise shows some identifying remark.

The next row starts with the Armour on the ship in six main areas. An Armour Class of 0 means that the ship has negligible armour and is treated as unarmoured. This is explained in the rules themselves. Turrets and Casemates may be armoured or may show an entry of “n/a” which means that this ship does not have any weapons in the location.

You will see that in the case of Turrets and Casemates the armour value is shown in various sorts of brackets: [], () and {}. This is just intended as a handy reference to the weapons mounts shown lower down on the sheets.

To the right of the casemate entry there may be a special remark about armour on a specific part of the ship.

The last part, on the right, shows the ship’s Size for when it is shot at, the Target Type, which may restrict what can shoot at it, and the Magazine Safety Factor (MSF), which has an effect if the ship suffers a main gun hit. Ships with no guns will not have an MSF.

In the next line there is an italicised section which tells you which Critical Hit table should be used, and which attack types can be used against the ship in question. On the right of this you will find reference to a Saving Throw Modifier. On larger ships this will show “n/a” to indicate that it does not apply. On many smaller and unarmoured vessels you will find a modifier, which is applied when testing the effectiveness of certain attacks on the ship in question.

Below the first black dividing line you will find the ship’s Spotting Distance, which is how far the ship can see and engage a target. This may well be greater or less than the tactical visibility in your game.

Next is the Fire Control value, which is the resilience of the fire control systems on your ship. If reduced to zero, the ship must shoot using local control.

This is followed by the Gunnery Modifier, which reflects the level of technology for gunnery control when the ship was fitted out.

Finally, in this row, is a space for you to enter the Crew Quality of your ship. You roll for this before the game.

Below this row, above the next dividing line, you may find information about Radar on the ship. From the left you may find radar for MAIN guns, radar for OTHER guns and radar for Dual Purpose AA guns. In the latter case they get a +1 to hit bonus. On the far right on all sheets is a field for any spotting aircraft the ship may carry. If there are no aircraft this field will be blank.

The next section holds the weapons on a ship. This is divided into three groups: MAIN, OTHER and TORPEDOES. You will notice that above the data on the right is the to hit score at the 5 range bands for the weapons concerned. This may be helpful in play.

On the very left is the hit location number, which is used to determine where damage occurs when weapons are hit by Critical Damage Effects.

The number (of barrels/tubes) and calibre follow.

In some cases after the calibre there may be a special code showing AA and ASW weapons. Detailed explanations are given in the rules.

Under the section on arcs these are each defined with the letter code for the arc (which matches the graphic depiction shown at the bottom on the section, gun arcs to the left and torpedo arcs to the right). There is a letter and number code showing the mount type and number of guns or tubes in the mount. If the mount is armoured it is shown in one of the brackets which also appear in the armour section higher up. The mount is followed by a circle, and/or a special symbol, for each mount.

On the right centre are the penetration values for guns and to hit modifiers for torpedoes in each Range Band. A “–” means that a gun or torpedo will not go that far, and a to hit modifier in parenthesis shows a torpedo that can be effective at a range longer than the ship can see.

This is followed by the weapon IP and CV, and a notation whether this weapon has radar support.

In the OTHER weapon section you will find the Close, Medium and Long range Factors which are mainly used for AA fire. If the ship has Anti Submarine Weapons, Long, Medium or Short Range Factors then there is a remark at the top of the OTHER weapon section about how these are lost to incidental damage.

The final information in this part of the form is the weapon arc row, where the arcs in use on this ship in question are outlined with a thick black line.

Immediately below the third dividing line, Aircraft Carriers have details of their Handling, RRR Limit, Flight Deck Catapults and Aircraft Capacity. On non carriers this area is left blank.

Structure and Flotation are on the next line, along with their value/3, which is linked to the Morale system.

The next row has space to record Fire on board ship, and on the right are details of the number of Damage Control Teams.

Finally there is the speed of the ship, its Manoeuvre Rating (MVR) and Steering # to record damage.
At the bottom of the page there are sections for Other Equipment and Special Effects. Any changes to the light anti-aircraft or other smaller calibre guns appear here, as do other remarks concerning the ship.

On ships with one sheet for a class of ships (in the case of destroyers and smaller) there is a list of the ships in the class, for which this sheet can be used.

The page footer on all sheets shows the CV costs for the loss of weapons.

On the bottom right of the sheet you will find a version number and date for the dataset in question.

**Ship Data – Small Ships of Type “X”**

The ship data for small ships is slightly different and the sheets are designed to be used as a record for one or more squadrons of such ships.

Again, the detail of how to use the sheets is explained in more detail in the Ship Data Glossary.

The top section, above the armour boxes, shows on the left the ship name and class. The ship name will usually be blank in the case of smaller ships. In such cases there is a usually list of ships for which the sheet is valid at the bottom of the page.

An abbreviated ship type, a date range for which the sheet is valid, the cost in points of a ship with the indicated crew code, the base cost of the ship is shown (in parenthesis), and then the dataset number for the current sheet. When you are using the ship in this case, you must multiply the ship cost by the number of ships being used.

A remark may also appear drawing your attention to changes to the ship’s light anti aircraft or smaller calibre guns during the validity of the sheet, shown lower down the sheet along with the adjusted points values.

On the right hand side is shown the nationality and a box showing the reconnaissance values, which are used during game set up.

At the top of some sheets there may be an additional italicised remark in the centre which identifies a variant of a ship, or otherwise shows some identifying remark.

In the next line there is an italicised section which tells you that Critical Hit tables are NOT used; then it shows which attack types can be used against the craft in question.

Next, on the right, shows the ship’s Size for when it is shot at, the Target Type, which may restrict what can shoot at it, and the Saving Throw Modifier, which is used during combat to see what effect a hit will have on the craft.

Below this there are three boxes. The first shows the vessel’s Spotting Distance, which is how far the it can see and engage a target. This may well be greater or less than the tactical visibility in your game. Next are the speed of the vessel and the Manoeuvre rating (MVR). To the right is a space for you to enter the Crew Quality of your ship. You roll for this before the game.

Next there is an area where there may be some remarks concerning Special Effects that may apply, and other information about the craft concerned.

Below the first thick line across the form you will find the section referring to the weapon fit. The first information shows the Close Range and Medium Range factors on the vessel, followed by any information about changes to the ship’s light anti aircraft or smaller calibre guns during the validity of the sheet, with the adjusted points values.

Below the second thick black divider line you will find a section that you can use to record any squadrons of these ships you have in use in the game. The method should be fairly obvious. the first column is to record the ID if the squadron in use, then the stand #, each of which will be in the form of counters or single small models representing the squadron. Finally there is a space to record the number of craft in the squadron.

To the right the weapon fit is repeated for each stand you are using, here you will cross out the torpedoes that the stand has expended, and if you need to make any notes, there is space for that as well.

Bear in mind that small craft are either in action, or they have been eliminated, as they do not have individual hit points.

On small vessels record sheets there is nearly always a list of the ships in the class.

The page footer shows in abbreviated form how you make use of the number of vessels remaining, linked to the number of Factors or tubes being fired to determine how many attack dice you roll.

Also, in abbreviated form, there is information about how the saving throw system works when small ships are attacked.

On the bottom right of the sheet you will find a version number and date for the dataset in question.
**Great Britain**

**Great Britain**

**Ship name:** Good Hope

**Drake Class:** AC 1902 to 1914

**Ship Cost with Code** D : 330  
(Base Cost: 347)  
Dataset: 60

**Recon values** Day: 0  
Night: 0

**ARMOUR:**

Belt: 6  
Deck: 3  
CT: 9  
Turrets #1: [6]  
Turrets #2: n/a  
Casemates: [5]

**Crit. table:** Normal; Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

**Spotting Distance:** 4 RB

**Fire Control Value:** 3

**Gunner Modifer:** -1

**WEAPONS**

**MAIN guns:**

- **Hit Location #**
  - **#:** 1 - 3
  - **Cal:** 9.20
  - **Hit #:** I:6 II:9 III:12 IV:15 V:18
  - **Pen:** 9 7 5 — — 5 5
  - **CRF:** 0  
  - **MRF:** 5

**OTHER guns:**

- **#:** 4 - 10
  - **Cal:** 6.00
  - **Arcs:** I:(C1) OOOOO...OOO R:(C1) OOOOO...OOO
  - **Hit #:** I:6 II:9 III:12 IV:15 V:18
  - **Pen:** 5 3 2 — — 3 3
  - **CRF:** 0
  - **MRF:** 0

**TORPEDOES:**

**n/a**

**Structure (S):** 36

**Fires:** 12

**Plotation (F):** 19

**F/3:** 6

**Speed:** 23

**MVR:** 8

**Steering #:** 8

**Damage Control Teams:** 4

**Other Equipment**

(delete when lost):

- Searchlights (from 1905)
- (Optional) Smokescreen; test at -2 (-3 if action set before 1905)

**Special Effects:**

- Poor Underwater Protection

Sunk in 1914

Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)

- O (Open) 1CV V S (Shielded) 2CV C (Unarmoured Casemate) 3CV T (Unarmoured Turret) 4CV (C) (Armoured Casemate) 5CV (T) (Armoured Turret) 6CV (* If armour is penetrated in case of mount marked { } or ()

Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.
**Ship name:** Monmouth

**Monmouth Class:**

**AC:** 1903 to 1914

**Ship Cost with Crew Code:**

**D:** 238 (Base Cost: 251)

**Dataset:** 61

**ARMOUR:**

<table>
<thead>
<tr>
<th>Belt:</th>
<th>Deck:</th>
<th>CT:</th>
<th>Turrets #1:</th>
<th>Turrets #2:</th>
<th>Casemates:</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
<td>8</td>
<td>[5]</td>
<td>n/a</td>
<td>{4}</td>
</tr>
</tbody>
</table>

- **Crit. table:** Normal
- Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

**TORPEDOES:**

| Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes. |

**WEAPONS**

**MAIN guns:**

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<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 8</td>
<td>14</td>
<td>6.00</td>
<td>A:[T2]</td>
<td>I:(C1) OOOOO</td>
<td>R:(C1) OOOOO</td>
<td>Z:[T2] O</td>
<td>Pen:</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>—</td>
</tr>
</tbody>
</table>

- If a weapon 'Crit' lands in this section lose 1 MR factor for each 2 CV or part thereof.

**OTHER guns:**

| 9 - 10 |

**TORPEDOES:**

| n/a |

**Structure (S):**

| 27 |

**Fires:**

| S/3: | 9 |

- **Flotation (F):**

| 16 |

**Speed:**

| 23 |

**Other Equipment**

| (delete when lost): |

- Searchlights (from 1905)
- (Optional) Smokescreen; test at - 2 (- 3 if action set before 1905)

**Special Effects:**

- Poor Underwater Protection

**Sunk in 1914**

---

**Great Britain**

**Recon values Day:** 0

**Night:** 0

**Crew Quality:**

**Spotting Aircraft:**

**WEAPONS**

**MAIN guns:**

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 8</td>
<td>14</td>
<td>6.00</td>
<td>A:[T2]</td>
<td>I:(C1) OOOOO</td>
<td>R:(C1) OOOOO</td>
<td>Z:[T2] O</td>
<td>Pen:</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>—</td>
</tr>
</tbody>
</table>

- If a weapon 'Crit' lands in this section lose 1 MR factor for each 2 CV or part thereof.

**OTHER guns:**

| 9 - 10 |

**TORPEDOES:**

| n/a |

**Structure (S):**

| 27 |

**Fires:**

| S/3: | 9 |

- **Flotation (F):**

| 16 |

**Speed:**

| 23 |

**Other Equipment**

| (delete when lost): |

- Searchlights (from 1905)
- (Optional) Smokescreen; test at - 2 (- 3 if action set before 1905)

**Special Effects:**

- Poor Underwater Protection

**Sunk in 1914**
**Glasgow**

**Bristol Class**

<table>
<thead>
<tr>
<th>Ship Name</th>
<th><strong>Glasgow</strong></th>
</tr>
</thead>
</table>

**ARMOUR:**
- Belt: 2
- Deck: 2
- Turrets #1: n/a
- Turrets #2: n/a
- Casemates: n/a

**Crit. table:** Normal; Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

**Spelling Distances:**
- 4 RB

**Fire Control Value:** 2

**WEAPONS**

**MAIN guns:**
- #: 1 - 4
- Cal: 6.00
- Arcs: A:S1 O Z:S1 O

**Hit #:** I:6 II:9 III:12 IV:15 V:18 IP: CV:
- Pen: 6
- 4
- 3
- 3
- 3
- No

**OTHER guns:**
- #: 5 - 10
- Cal: 4.00
- Arcs: I:S1 OOOOO R:S1 OOOOO

**Pen:**
- 4
- 2
- —
- 1
- 1

**CRF:**

**MRF:**

**TORPEDOES:**
- n/a

**Structure (S):** 10

**Fires:**
- S/3: 3
- Flotation (F): 7
- F/3: 2

**Speed:** 25

**Other Equipment**
- MVR: 7
- Steer #: 7

**Searchlights**
- (Optional) Smokescreen; test at -2

**Special Effects:**
- Poor Underwater Protection

**Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)**

**Dataset:** v.1

01/10/2008
**Otranto**

**Otranto Class**

**Ship name:** **Otranto**

**AMC**

**Ship Cost with Crew Code C:** 64 (Base Cost: 64) Dataset: 63

**Ship Class**

**Dataset v.2**

**Great Britain**

**Recon values**: Day: 0 Night: 0

**Target Type**: A%

**MSF**: -1

**Sinking Date**: Sunk in 1918

**Game Notes**

- Flotation (F): 15
- S/3: 5
- MVR: 8
- Steering #: 8
- Damage Control Teams: 2
- Special Effects: Poor Underwater Protection, Vessel takes 2xIP damage and rolls for one additional Crit. when hit

**Ship Experience**

- **Ship Experience Levels**
  - **1914 to 1916**
  - **1917 to 1918**

**Fire Control Value**: 0

**Gunnery Modifier**: -2

**Crit. when hit**

- Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.

**Spotting Distance**: 4 RB

**Hit Location #**

**WEAPONS**

**MAIN guns**

- **#**: 4
- **Cal**: 4.70
- **Arcs**: I:01 O:01 R:01

**Hit#**: I:6 II:9 III:12 IV:15 V:18 IP: CV: No

**Pen**: 3 2 — — 1 2

**CRF**: 0

**LRF**: 0

**MRF**: 0

**OTHER guns**

- **n/a**

**TORPEDOES**

- **n/a**

**Structure (S)**: 15

**Fires**: (All Crew Tests are penalised if ship is on fire)

**Speed**: 18

**Other Equipment**

- (delete when lost)

**Searchlights**

- None

**Remarks**

- None

**Damage Control**

- When Steering # reduced to 0 then the ship requires a Crew Test to turn

**Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)**

- O (Open) 1C V • S ( Shielded) 2C V • C ( Unarmoured Casemate) 3C V • T ( Unarmoured Turret) 4C V • (C) (Armoured Casemate) • 3C V • (T) (Armoured Turret) • 4C V (*If armour is penetrated in case of mount marked { } or ( ))

**Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.**
<table>
<thead>
<tr>
<th>Ship name:</th>
<th>Gneisenau</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scharnhorst Class</td>
<td>1907 to 1914</td>
</tr>
<tr>
<td>Ship Cost with Crew Code</td>
<td>438</td>
</tr>
<tr>
<td>(Base Cost: 417)</td>
<td>Dataset: 8</td>
</tr>
<tr>
<td>Size:</td>
<td>+0</td>
</tr>
<tr>
<td>Target Type:</td>
<td>A</td>
</tr>
<tr>
<td>MSF:</td>
<td>+0</td>
</tr>
<tr>
<td>Saving Throw Modifier:</td>
<td>n/a</td>
</tr>
</tbody>
</table>

**ARMOUR:**
- Belt: 4
- Deck: 2
- CT: 7
- Turrets #1: [6]
- Turrets #2: n/a
- Casemates: {6}

**Spotting Distance:** Normal; Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

**Hit Location #**

**WEAPONS**

**MAIN guns:**
- #: 6
- Cal: 8.20
- F: [C1] O G: [C1] O T: [C1] O U: [C1] O

**OTHER guns:**
- #: 10
- Cal: 5.90
- I: [C1] OOO R: [C1] OOO

**Torpedoes:**
- n/a

**Structure (S):**
- 35

**Fires:**
- (All Crew Tests are penalised if ship is on fire)
- 12

**Speed:**
- 24

**Other Equipment:**
- (Optional) Smokescreen; test at - 2

**Special Effects:**
- Mixed Gun Battery Rules apply to the 8.2" guns.
- Poor Underwater Protection

**Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)**

- O (Open) 1CV
- S (Shielded) 2CV
- C (Unarmoured Casemate) 3CV
- T (Unarmoured Turret) 4CV
- {C} (Armoured Casemate)* 3CV
- (T) (Armoured Turret)* 4CV

* If armour is penetrated in case of mount marked { } or ( )

**Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.**

**Damages:**
- CV: 6
- LRF: 0
- MRF: 6
- CRF: 0

**Crew Quality:**

**Remarks:**
- None

**Sunk in 1914**
Ship name: **Scharnhorst**

**Germany**

Shipname: Recon values: Day: 0 Night: 0

**Belt:** 4 **Deck:** 2 **CT:** 7 **Turrets #1:** [6] **Turrets #2:** n/a **Casemates:** {6}

**Flotation (F):** 4 **Damage Control Teams:** 4

**Gunnery Modifier:** -1 **Searchlights:**

**Hit Location #**

**WEAPONS**

**MAIN guns: #:** 1 - 6 **Cal:** 8.20 **Arcs:** A:[T2] O Z:[T2] O

If a weapon 'Crit' lands in this section lose 1 MR factor for each 2 CV or part thereof.

**OTHER guns: #:** 7 - 10 **Cal:** 5.90 **Arcs:** I:[C1] OOO R:[C1] OOO

**TORPEDOES:** n/a

**Structure (S):** 35 **S/3:** 12 **Flotation (F):** 20 **F/3:** 7

**Speed:** 24 **MVR:** 7 **Steering #:** 7

**Other Equipment**

(Optional) Smokescreen; test at - 2

**Damage Control Teams:** 4

**Notes:** Mixed Gun Battery Rules apply to the 8.2" guns. Poor Underwater Protection

**Sunk in 1914**

**Notes:**
- Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)
- O (Open) 1CV • S (Shielded) 2CV • C (Unarmoured Casemate) 3CV • T (Unarmoured Turret) 4CV • (C) (Armoured Casemate) • 3CV • (T) (Armoured Turret) • 4CV (* If armour is penetrated in case of mount marked () or ( )

**Gun mounts are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.**

**Dataset v.1 26/09/2008**
Ship name: Leipzig
Bremen Class

ARMOUR:
- Belt: 4
- Deck: 4
- CT: 4
- Turrets #1: n/a
- Turrets #2: n/a
- Casemates: n/a

Crit. table: Normal; Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

Size: -1
Target Type: A
MSF: +0
Saving Throw Modifier: n/a

Spotters Distance: 4 RB
Fire Control Value: 2
Gunnery Modifier: -1

Hit Location #

WEAPONS

MAIN guns:
- #: 1 - 10
- Cal: 10
- Arcs: B:S1 OO I:S1 OO O:R:S1 OO Y:Y:S1 OO

OTHER guns:
- n/a

TORPEDOES:
- n/a

Structure (S):
- 11

Fires:
- S/3: 4
- Flotation (F):
- 7
- F/3: 2

Speed:
- 23

Other Equipment:
- (delete when lost):
  - Searchlights (from 1905)
  - (Optional) Smokescreen; test at -2 (-3 if action set before 1905)

Special Effects:
- Poor Underwater Protection

Damage Control Teams: 2

Remarks:
- None

Notes:
- Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)
- O (Open) 1CV • S (Shielded) 2CV • C (Unarmoured Casemate) 3CV • T (Unarmoured Turret) 4CV • (C) (Armoured Casemate)* 3CV • (T) (Armoured Turret)* 4CV (* If armour is penetrated in case of mount marked ( ))
- Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.

Dataset v2
13/08/2014
**Ship name:** Dresden  
**Ship Class:** Dresden  
**Ship Cost with Crew Code:** B: 109 (Base Cost: 104)  
**Dataset:** 35  
**Recon values:** Day: 1 Night: 1  

**ARMOUR:**  
- Belt: 2  
- Deck: 2  
- CT: 4  
- Turrets #1: n/a  
- Turrets #2: n/a  
- Casemates: n/a  
- Size: -1  
- Target Type: A  
- MSF: +0  
- Saving Throw Modifier: n/a  

**Ship Cost with Crew Code**  
- (Base Cost: 104)  
- Dataset: 35  

**Spotting Distance:** 4 RB  
**Fire Control Value:** 2  
**Gunnery Modifier:** -1  

**WEAPONS**  

**MAIN guns:**  
- #: 1 - 9  
- Cal: 10  
- Arcs: B:S1 OO I:S1 OO O:R:S1 OO Y:S1 OO  
- Hit#: I:6 II:9 III:12 IV:15 V:18 IP: CV:  
- Pen: 3 2 1 — — 2 2  
- CRF: 0  
- MRF: 2  
- LRF: 0  

**OTHER guns:**  
- 10  

**TORPEDOES:**  
- n/a  

**Structure (S):**  
- 9  
- S/3: 3  

**Flotation (F):**  
- 7  
- F/3: 2  

**Fires:**  
- 24  
- (All Crew Tests are penalised if ship is on fire)  

**Speed:**  
- 6  
- MVR: 6  

**Steering #:**  
- 6  

**Searchlights**  
- (Optional) Smokescreen; test at -2  

**Other Equipment**  
- (delete when lost)  

**Special Effects:**  
- Poor Underwater Protection  

**Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)**  

- O (Open) 1CV • S (Shielded) 2CV • C (Unarmoured Casemate) 3CV • T (Unarmoured Turret) 4CV • (C) (Armoured Casemate)* 3CV • (T) (Armoured Turret)* 4CV *( If armour is penetrated in case of mount marked ( ) or ( ) )*  

**Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with greatest number of tubes. The cost in CV is equal to the number of tubes.**  

**Remarks:**  
- None  

Sunk in 1915
**Emden**

**Dresden Class**

**Ship name:** Emden

**Ship Cost with Crew Code:** B: 109 (Base Cost: 104)

**Dataset:** 35

**ARMOUR:**

- Belt: 2
- Deck: 2
- Turrets #1: n/a
- Turrets #2: n/a
- Casemates: n/a

**Crit. table:** Normal; Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

**Spotting Distance:** 4 RB

**Fire Control Value:** 2

**Gunnery Modifier:** -1

**Hit Location #**

- MAIN guns: 1 - 9
  - #: 10
  - Cal: 4.10
  - Arcs: B:S1 OO I:S1 OO O:R:S1 OO Y:S1 OO
  - Hit#: I:6 II:9 III:12 IV:15 V:18 IP: CV: Radar:
    - Pen: 3 2 1 — — 2 2

If a weapon 'Crit' lands in this section lose 1 MR factor for each 2 CV or part thereof.

**OTHER guns:**

- 10

**TORPEDOES:**

- n/a

**Structure (S):** 9

**S/3:** 3

**Flotation (F):** 7

**F/3:** 2

**Fires:** 24

**Speed:** MVR: 6

**Steering #:** 6

**Crew Quality:** Spotting Aircraft:

**Saving Throw Modifier:** n/a

**Dataset v.2**

- Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.

- Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)

- Poor Underwater Protection

- Searchlights

- Special Effects: (Optional) Smokescreen; test at -2

- Sunk in 1914

- When Steering # reduced to 0 then the ship requires a Crew Test to turn

- None

- Remarks:

- None
Ship name: **Nürnberg**  

Königsberg Class  

**1907 to 1914**  

**Ship Cost with Crew Code**  

| B | 103 | (Base Cost: 98) | Dataset: 25 |

**ARMOUR:**  

| Belt: | 2 |
| Deck: | 2 |
| CT: | 4 |
| Turrets #1: | n/a |
| Turrets #2: | n/a |
| Casemates: | n/a |

**Crit. table:** Normal; Can be attacked by: Guns, Torpedoes, Bombs, Standoff Weapons, Rockets, Kamikaze

**Spotting Distance:** 4 RB  

**Fire Control Value:** 2  

**Gunnery Modifier:** -1

**WEAPONS**

**MAIN guns:**  

| #: | 1 - 9 |
| Cal: | 10 |
| Arcs: | 4.10 |

**Hit Location #**

If a weapon 'Crit' lands in this section lose 1 MR factor for each 2 CV or part thereof.

**OTHER guns:**

| #: | 10 |

**TORPEDOES:**

| #: | n/a |

**GUNS**

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |

**Guns:**

| I:6 | II:9 | III:12 | IV:15 | V:18 | IP: | CV: |

**Radar:** No

**Pen:**

| 3 | 2 | 1 |

**CRF:** 0  

**MRF:** 2

**LRF:**

**OTHER Equipment**

| Searchlights | (Optional) Smokescreen; test at -2 |

**Special Effects:**  

- Poor Underwater Protection

**.Dataset v.2**

**Gun mounts are lost starting with the mounts with least protection in the order of priority shown below, followed by the largest calibre, then by highest number of guns in the mount. (OTHER guns are eliminated at the CV cost shown.)**

- O (Open) 1CV  • S (Shielded) 2CV  • C (Unarmoured Casemate) 3CV  • T (Unarmoured Turret) 4CV  • (C) (Armoured Casemate)* 3CV  • (T) (Armoured Turret)* 4CV (* If armour is penetrated in case of mount marked ( ) or ( ))

**Torpedoes are lost starting with the mount with the largest calibre (if there is a choice) followed by the mount with the greatest number of tubes. The cost in CV is equal to the number of tubes.**

**Structure (S):**

| S/3: | 3 |

**Flotation (F):**

| F/3: | 2 |

**Fires:**

| 23 |

(All Crew Tests are penalised if ship is on fire)

**Speed:**

| MVR: | 6 |

**Steering #:**

| 6 |

**Damage Control Teams:**

| 2 |

When Steering # reduced to 0 then the ship requires a Crew Test to turn

Changes to CRF or MRF:

- None

**Remarks:**

- None

Sunk in 1914