

# ***A and A Game Engineering Stations Manned and Ready***

## **Game data file for Spain Pre-Dreadnought - Warships 1880-1905**

This data file contains precalculated game data for ships of the above nation.

Each record shows the class name, in service date, and variant (where appropriate). This is followed by the vessel's base game data in the same layout as that used in the rules.

This is followed by the armament, again in the same layout, though the presentation is slightly different to that shown in previous versions. This section shows the type of gun by Calibre and barrel length, followed by an identifier which can be used to reference weapons in our construction data sheets, then the game data.

The final section shows, on the left, the ships in the class, which may also show a date from, or until which that ship's values are valid.

In the right hand section you will find details of all the other equipment carried and used in the game. Note that there may be asterisks or other marks which cross reference between the ships on the left and the special data on the right. Again, ship specific equipment and values are shown. Most special game data is headed with a bullet point.

You may find up to 2 variants in many ship classes, where the weapon fit changed. Variant data usually shows the battery # affected by the change. Always refer to any notes for the relevant variant. The changes can often be cumulative. The following possibilities can occur:

- Weapons have been removed: a cost reduction is applied to the original ship cost.
- Weapons have been added: this will result in a cost increase to be added to the original ship cost.
- Weapons have been modified, with a change in the overall number: There may be an increase or reduction to apply to the original ship cost.
- In some cases there are two successive modifications, and therefore only the later of the cost adjustments should be applied. Such a case would apply if a ship had torpedo tubes reduced in one modification and completely removed in the second.

Please bear in mind that all cost alteration figures are based on the original value for the ship.

Changes in short range weapons and factors may be referred to in the ship's notes. These could also show a cost modifier, especially if the QF or SRAA values are altered. If the DP AA values have changed on second world war vessels, the cost alteration is already included in the figure showing the cost modification.

In some cases you may have to both add and subtract cost adjustments as part of the same modification.

All information in this document is (c) A and A Game Engineering and is for use with our rule sets. It may not be used for any other purpose without our express agreement.



<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

**B**

***Pre Dreadnought***

**Pelayo**

1887 43 17 +0 4 RB 4 2 258

22 5 11 3 5 3 3

1: 2x12.5" (L/37) — [01] — AT1: B.S

1 2 10 8 — — —

2: 2x11" (L/35) — [01] — AT1: PB.SB

2 2 8 6 — — —

3: 1x6.4" (L/28) — [01] — S1: B

1 2 4 2 — — —

4: 12x4.7" (L/40) — [01] — S1: PB(x6).SB(x6)

1 2 3 2 — — —

Pelayo

*QF: 2*

*Poor underwater protection; Poor magazine protection*

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

**AC Armoured Cruiser**

<b>Cristóbal Colón</b>	1898	25	20	- 1	4 RB	3	2	262
<i>Data for: 1897</i>		16	5	5	2	5	5	0
1: 2x8" (L/40) — [04] — AT2: S		2	4	8	6	5	3	—
2: 14x6" (L/40) — [04] — C1: PB(x5).SB(x5); S1: PB(x2).SB(x2)		2	2	5	3	—	—	—
Cristóbal Colón		<i>QF: 4</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Emperador Carlos V</b>	<i>Altered Ship Data</i> 1895	31	20	- 1	4 RB	3	2	204
		19	6	2	6	9	8	0
1: 2x11" (L/35) — [01] — AT1: B.S		2	2	8	6	—	—	—
2: 8x5.5" (L/35) — [01] — S1: PB(x4).SB(x4)		1	2	4	3	—	—	—
3: 4x3.9" (L/45) — [01] — S1L PB(x2).SB(x2)		1	2	3	2	—	—	—
Emperador Carlos V		<i>QF: 3</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Infanta Maria Teresa</b>	<i>Altered Ship Data</i> 1890	31	20	- 1	4 RB	3	2	197
<i>Data for: 1890</i>		16	6	9	3	9	7	0
1: 2x11" (L/35) — [01] — AT1: B.S		2	2	8	6	—	—	—
2: 10x5.5" (L/35) — [01] — S1: PB(x5).SB(x5)		1	2	4	3	—	—	—
Infanta Maria Teresa, Vizcaya, Almirante Oquendo		<i>QF: 5</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

*AC Armoured Cruiser*

<b>Princesa de Asturias</b>	<i>Altered Ship Data</i>	1896	27	20	- 1	4 RB	3	2	171
<i>Data for: 1902</i>			15	6	9	3	7	4	0
1: 2x9.4" (L/42) — [01] — AT1: B.S			1	3	8	6	4	—	—
2: 8x5.45" (L/45) — [01] — S1: PB(x4).SB(x4)			1	3	5	3	2	—	—
Princesa de Asturias, Cardenal Cisneros, Cataluña									

*QF: 4*

*Poor underwater protection; Poor magazine protection*

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

**Spain**

<b>C</b>	<b>Unprotected Cruiser</b>								
<b>Alfonso XII</b>	<i>Altered Ship Data</i>	1881	8	17	- 2	3 RB	2	2	89
<i>Data for: 1887</i>			8	4	0	0	0	0	0
1: 6x6.4" (L/35) — [01] — C1: PB(x3).SB(x3)			1	2	5	3	—	—	—
Alfonso XII, Reina Cristina, Reina Mercedes			<i>QF: 4</i>						

<b>Aragon</b>		1880	10	14	- 1	3 RB	2	2	89
<i>Data for: 1879</i>			10	4	0	0	0	0	0
1: 6x6.4" (L/35) — [01] — C1: PB(x3).SB(x3)			1	2	5	3	—	—	—
Aragon			<i>QF: 2</i>						

<b>Aragon</b>		1880	10	14	- 1	3 RB	2	2	84
<i>Data for: 1881, Castilla</i>			10	4	0	0	0	0	0
1: 4x5.9" (L/35) — [02] — C1: PB(x2).SB(x2)			1	2	4	2	—	—	—
2: 2x4.7" (L/30) — [01] — S1: B.S			1	1	3	—	—	—	—
Castilla			<i>QF: 2</i>						

<b>Aragon</b>		1880	10	14	- 1	3 RB	2	2	85
<i>Data for: 1881, Navarra</i>			10	4	0	0	0	0	0
1: 4x5.9" (L/32) — [01] — C1: PB(x2).SB(x2)			1	2	4	3	—	—	—
2: 2x4.7" (L/33) — [01] — S1: B.S			1	1	3	—	—	—	—
Navarra			<i>QF: 2</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

<b>C</b>	<b>Unprotected Cruiser</b>								
<b>Velasco</b>		1881	4	13	- 2	3 RB	1	1	40
<i>Data for: 1881</i>			4	3	0	0	0	0	0
1: 2x5.9" (L/26) — [01] — S1: B.S			1	1	4	—	—	—	—
Velasco, Gravina			<i>QF: 1</i>						

<b>Velasco</b>		1881	4	13	- 2	3 RB	1	1	46
<i>Data for: 1885, remainder of class</i>			4	3	0	0	0	0	0
1: 4x4.7" (L/35) — [02] — S1: B.PB.SB.S			1	2	3	2	—	—	—
Infanta Isabel, Isabel II, Cristóbal Colón, Don Juan de Austria, Don Antonio Uloa, Conde de la Venadito			<i>QF: 2</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

**CP Protected Cruiser**

<b>Estramadura</b>	1899	5	20	- 2	3 RB	1	2	69
		5	4	0	2	0	0	0
1: 8x4.1" (L/35) — [01] — S1: B.PB(x3).SB(x3).S		1	2	3	2	—	—	—
Estramadura		<i>QF: 2</i>						

<b>Isla de Luzon</b>	1886	5	15	- 3	3 RB	1	1	60
		4	3	0	3	2	0	0
1: 6x4.7" (L/35) — [02] — S1: B.PB(x2).SB(x2).S		1	2	3	2	—	—	—
Isla de Luzon, Isla da Cuba, Marques de la Ensenada		<i>QF: 2</i>						

<b>Reina Regente (i)</b>	1886	12	20	- 1	4 RB	2	2	139
<i>Data for: 1887</i>		11	5	0	4	0	0	0
1: 4x7.9" (L/35) — [01] — S1: BLP.BLS.SLP.SLS		2	2	6	4	—	—	—
2: 6x4.7" (L/35) — [02] — S1: PB(x3).SB(x3)		1	2	3	2	—	—	—
Reina Regente (i)		<i>QF: 2</i>						

<b>Reina Regente (i)</b>	1886	12	20	- 1	4 RB	2	2	107
<i>Data for: 1891, remainder of class</i>		11	5	0	4	0	0	0
1: 4x6.4" (L/35) — [01] — S1: BLP.BLS.SLP.SLS		1	2	5	3	—	—	—
Alfonso XIII, Lepanto		<i>QF: 2</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Spain

*CP Protected Cruiser*

<b>Rio de la Plata</b>	1898	5	20	- 2	3 RB	1	2	89
		5	4	0	0	0	0	0
1: 2x6" (L/45) — [01] — S1: B.S		3	3	5	3	2	—	—
2: 4x4.1" (L/35) — [01] — S1: PB(x2).SB(x2)		1	2	3	2	—	—	—
Rio de la Plata		<i>QF: 3</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

**DD**                      **Destroyer**

<b>Audaz</b>	<i>Altered Ship Data</i>	1897	1	30	- 3	2 RB	1	1	23
<i>Data for: 1897</i>			1	3	0	0	0	0	0
1: 2x14" Torpedo — [04] — TT1: CB(x2)			1	10 cm	-1*	—	—	—	—
Audaz, Osado, Pluton, Proserpine			<i>QF: 2</i>						

<b>Furor</b>	<i>Altered Ship Data</i>	1896	1	28	- 3	2 RB	1	1	22
<i>Data for: 1896</i>			1	3	0	0	0	0	0
1: 2x14" Torpedo — [04] — TT1: CB(x2)			1	10 cm	-1*	—	—	—	—
Furor, Terror			<i>QF: 2</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

**Spain**

**GB**                      **Gunboat**

<b>General Concha</b>	1883	3	11	- 3	2 RB	1	1	37
<i>Data for: 1883</i>		3	2	0	0	0	0	0
1: 3x4.7" (L/25) — [02] — S1: B.CB.S		1	1	2	—	—	—	—
General Concha, Mallaganes, El Cano, General Lezo		• <i>General Lezo and El Cano had QF 1 (cost +1) as well as reduced 4.7" outfit (see below)</i>						

**Variant 1 replaces the above entry for Weapon Battery #: 1**

2x4.7" (L/25) — [02] — S1: B.S		1	1	2	—	—	—	—
--------------------------------	--	---	---	---	---	---	---	---

*Note for Variant 1: General Lezo and El Cano had fewer main guns*

*The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: - 1*