

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

## **Game data file for China 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>						

**China**

**B** *Pre Dreadnought*

<b>Ting Yuen</b>	1881	34	16	- 1	4 RB	3	2	173
		17	5	9	3	6	9	0
1: 4x12" (L/25) — [02] — AT2: BLP.BLS		1	2	7	5	—	—	—
2: 2x5.9" (L/35) — [01] — UT1: B.S		2	1	4	—	—	—	—
Ting Yuen, Chen Yuan		<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>						

**China**

**AC**                      *Armoured Cruiser*

<b>King Yuan</b>	<i>Altered Ship Data</i>	1887	12	16	-2	3 RB	2	2	78
			7	4	7	3	5	6	0
1: 2x8.2" (L/22) — [01] — AT2: B			1	1	4	—	—	—	—
2: 2x5.9" (L/35) — [01] — C1: PB.SB			2	1	4	—	—	—	—
3: 2x17.7" Torpedo — [01] — TT1: PB.SB			2	10 cm	-3*	—	—	—	—
King Yuan, Lai Yuan			<i>Poor underwater protection; Poor magazine protection</i>						

<b>Ping Yuen</b>	<i>Altered Ship Data</i>	1888	14	11	-2	3 RB	2	1	85
			8	3	7	2	5	5	0
1: 1x10.2" (L/25) — [01] — AT1: B			1	2	7	6	—	—	—
2: 2x5.9" (L/35) — [01] — C1: PB.SB			2	1	4	—	—	—	—
3: 2x17.7" Torpedo — [01] — TT1: PB.SB			2	10 cm	-3*	—	—	—	—
Ping Yuen			<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>						

**China**

**C** *Unprotected Cruiser*

<b>Kai Che</b>	1882	6	15	- 2	3 RB	1	2	59
<i>Data for: Kai Che</i>		6	4	0	0	0	0	0
1: 3x8.2" (L/22) — [01] — C1: BLP.BLS		1	1	4	—	—	—	—
2: 7x4.7" (L/35) — [01] — S1: PB(x2).SB(x2).SLP.SLS.S		1	2	3	2	—	—	—
Kai Che		<i>Poor underwater protection</i>						

<b>Kai Che</b>	1882	6	15	- 2	3 RB	1	2	62
<i>Data for: Others</i>		6	4	0	0	0	0	0
1: 3x7" (L/26) — [01] — C1: BLP.BLS; S1: S		1	1	4	—	—	—	—
2: 7x4.7" (L/35) — [01] — S1: B.PB(x2).SB(x2).SLP.SLS		1	2	3	2	—	—	—
3: 2x14" Torpedo — [01] — TT1: PB.SB		1	10 cm	-1*	—	—	—	—
King Ch'ing, Huan T'ai		<i>Poor underwater protection</i>						

<b>Nan Thin</b>	1883	6	15	- 2	3 RB	1	2	53
		6	4	0	0	0	0	0
1: 2x8.2" (L/22) — [01] — C1: BLP.BLS		1	1	4	—	—	—	—
2: 8x4.7" (L/22) — [01] — S1: B.PB(x2).SB(x2).S; C1: SLP.SLS		1	1	2	—	—	—	—
Nan Thin, Nan Shuin, Fu Ch'ing		<i>Poor underwater protection</i>						

<b>Pao Min</b>	1883	5	9	- 2	3 RB	1	1	51
		5	3	0	0	0	0	0
1: 2x5.9" (L/35) — [01] — S1: B.S		2	1	4	—	—	—	—
2: 6x4.7" (L/35) — [01] — S1: PB(x3).SB(x3)		1	2	3	2	—	—	—
Pao Min		<i>QF: 1</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>							

**China**

<i>C</i>	<i>Unprotected Cruiser</i>								
<b>Tung Chi</b>		1894	5	11	- 2	3 RB	1	2	46
			5	4	0	0	0	0	0
	1: 2x5.9" (L/35) — [01] — S1: B.S		2	1	4	—	—	—	—
	2: 4x4.7" (L/35) — [01] — C1: PB(x2).SB(x2)		1	2	3	2	—	—	—
	Tung Chi		<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>							

**China**

**CP Protected Cruiser**

<b>Chao Yung</b>	1880	5	17	- 2	3 RB	1	1	103
		5	3	0	0	0	1	0
1: 2x10" (L/26) — [01] — AT1: B.S		4	2	6	5	—	—	—
2: 4x4.7" (L/22) — [01] — C1: PB(x2).SB(x2)		1	1	2	—	—	—	—
Chao Yung, Yang Wei		<i>QF: 1</i>						

<b>Chi Yuan</b>	1883	8	17	- 2	3 RB	2	1	65
		6	4	0	4	1	9	0
1: 2x8.2" (L/22) — [01] — AT2: B		1	1	4	—	—	—	—
2: 1x5.9" (L/35) — [01] — UT1: S		2	1	4	—	—	—	—
Chi Yuan		<i>QF: 2</i> <i>Poor underwater protection</i>						

<b>Chih Yuan</b>	1886	8	18	- 2	3 RB	2	2	92
		7	4	0	4	3	0	0
1: 3x8.2" (L/30) — [01] — S2: B; S1: S		1	2	6	4	—	—	—
2: 2x5.9" (L/35) — [01] — S1: PB.SB		2	1	4	—	—	—	—
3: 2x14" Torpedo — [01] — TT1: PB.SB		1	10 cm	-1*	—	—	—	—
Chih Yuan, Ching Yuan		<i>QF: 3</i>						

<b>Hai Tien</b>	1897	10	24	- 1	4 RB	2	2	185
		8	6	0	3	6	5	0
1: 2x8" (L/45) — [01] — AT1: B.S		4	4	7	5	4	2	—
2: 10x4.7" (L/45) — [02] — S1: PB(x5).SB(x5)		2	3	4	2	1	—	—
Hai Tien, Hai Chi		<i>QF: 4</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>							

**China**

**CP**

**Protected Cruiser**

**Hai Yung**

*Altered Ship Data* 1897

7	20	- 2	3 RB	1	2	99
6	5	0	3	2	0	0
2	1	4	—	—	—	—
2	3	3	2	1	—	—
1	10 cm	-1*	—	—	—	—

- 1: 3x5.9" (L/35) — [01] — S1: BLP.BLS.S
- 2: 8x4.1" (L/42) — [01] — S1: PB(x4).SB(x4)
- 3: 2x14" Torpedo — [04] — TT1: PB.SB

Hai Yung, Hai Chou, Hai Chen

<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>							

**China**

<b>GB</b>	<b>Gunboat</b>								
<b>Alpha</b>		1880	3	10	- 3	2 RB	1	1	34
			3	2	0	0	0	0	0
	1: 1x11" (L/13) — [01] — UT1: B		1	1	5	—	—	—	—
	Lung Hsiang (ex-Alpha), Hu Wei (ex-Beta)		<i>QF: 1</i>						

<b>Chien Sheng</b>		1880	3	8	- 3	2 RB	1	1	51
			3	1	0	0	0	0	0
	1: 1x10" (L/15) — [01] — S1: B		1	1	5	—	—	—	—
	Chien Sheng, Fu Sheng								

<b>Epsilon</b>		1880	3	10	- 3	2 RB	1	1	37
			3	2	0	0	0	0	0
	1: 1x11" (L/23) — [01] — S1: B		1	2	7	5	—	—	—
	Chen Tung (ex-Epsilon), Chen His (ex-Zeta), Chen Nan (ex-Eta), Chen Pei (ex-Theta)		<i>QF: 1</i>						

<b>Gamma</b>		1880	3	10	- 3	2 RB	1	1	34
			3	2	0	0	0	0	0
	1: 1x12.5" (L/16) — [01] — UT1: B		1	1	6	—	—	—	—
	Fei Ting (ex-Gamma), Tse Tien (ex-Delta)		<i>QF: 1</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>							

**China**

<i>GB</i>	<i>Gunboat</i>								
<b>Hoi Tung Hung</b>		1880	3	8	- 3	2 RB	1	1	28
			3	2	0	0	0	0	0
	1: 1x11" (L/12) — [01] — S1: B		1	1	5	—	—	—	—
	Hoi Tung Hung		<i>QF: 1</i>						

<b>Kuang Yi</b>	<i>Altered Ship Data</i>	1890	3	17	- 3	3 RB	1	1	35
			3	4	0	1	2	0	0
	1: 3x4.7" (L/35) — [01] — S1: PB.SB.S		1	2	3	2	—	—	—
	2: 4x14" Torpedo — [04] — TT2: BR; TT1: PB.SB		1	10 cm	-1*	—	—	—	—
	Kuang Yi, Kuang P'ing, Kuang Ting		<i>QF: 2</i>						

<b>Tiong Sing</b>		1880	2	10	- 3	2 RB	1	1	22
			2	2	3	0	0	2	0
	1: 1x6.7" (L/25) — [01] — AT1: B		1	1	4	—	—	—	—
	Tiong Sing								

<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>						

**China**

<i>MISC</i>	<i>Aviso</i>								
<b>Kuang Chia</b>		1887	4	14	- 2	3 RB	1	1	51
			4	3	0	0	0	0	0
1: 1x5.9" (L/35) — [01] — S1: B			2	1	4	—	—	—	—
2: 4x4.7" (L/35) — [01] — S1: PB(x2).SB(x2)			1	2	3	2	—	—	—
Kuang Chia									<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>							

**China**

**TB1** *1st class Torpedo Boat*

<b>Fu Lung</b>	<i>New Ship Data</i>	1885	1	24	- 4	1 RB	1	0	26
			1	2	0	0	0	0	0
1: 2x14" Torpedo — [03] — TT2: BR			1	10 cm	-2*	—	—	—	—
Fu Lung			<i>QF: 1</i>						

<b>Tso I</b>	<i>New Ship Data</i>	1887	1	24	- 4	1 RB	1	1	26
			1	2	0	0	0	0	0
1: 3x14" Torpedo — [03] — TT2: BR; TT1: CB			1	10 cm	-2*	—	—	—	—
Tso I			<i>QF: 1</i>						

<b>Vulcan 1883-84</b>	<i>New Ship Data</i>	1883	1	19	- 4	1 RB	1	1	24
<i>Data for: Group of 4 vessels</i>			1	2	0	0	0	0	0
1: 8x14" Torpedo — [04] — TT2: BR(x4)			1	10 cm	-1*	—	—	—	—
6 in class			<i>QF: 3</i>						