

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

## **Game data file for Japan World War 1 - Warships 1906-1919**

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.

## Summary

Data for the following ship classes is included in this document.

The date shown in the summary is the most recent revision date for the game data, taking account of corrections and amendments.

<b>BB</b>	<b>Battleship</b>		
Fuso		1915, Fuso	20 October 2008
		1917, Yamashiro	20 October 2008
Ise		1918	20 October 2008
<b>BC</b>	<b>Battle Cruiser</b>		
Kongo		1915	20 October 2008
<b>SD</b>	<b>Semi-Dreadnought</b>		
Satsuma		1910, Satsuma	20 October 2008
		1911, Aki	20 October 2008
Settsu		1912, Kawachi	20 October 2008
		1912, Settsu	20 October 2008
<b>B</b>	<b>Pre Dreadnought</b>		
Ibuki			20 October 2008
Tsukuba			20 October 2008
<b>CL</b>	<b>Light Cruiser</b>		
Chikuma			20 October 2008
<b>CP</b>	<b>Protected Cruiser</b>		
Mogami			20 October 2008
Tone			20 October 2008
Yodo			20 October 2008
<b>DD</b>	<b>Destroyer</b>		
Enoki			23 October 2008
Isokaze			23 October 2008
Kaba			23 October 2008
Momo			23 October 2008
Sakura			23 October 2008
Tanikaze			23 October 2008
Umikaze			23 October 2008
Urakaze			23 October 2008

<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 (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>							

**Japan**

**BB Battleship**

<b>Fuso</b>	1912	83	23	+ 2	5 RB	7	3	2203
<i>Data for: 1915, Fuso</i>		33	10	10	4	10	10	0
1: 12x14" (L/45) — [04] — AT2: B(x2).CB(x2).S(x2)		10	5	13	11	9	8	6
2: 16x6" (L/50) — [05] — C1: PB(x8).SB(x8)		2	4	6	4	2	1	—
Fuso		<i>QF: 2</i>						

<b>Fuso</b>	1913	90	23	+ 2	5 RB	7	3	2226
<i>Data for: 1917, Yamashiro</i>		36	10	10	4	10	10	0
1: 12x14" (L/45) — [04] — AT2: B(x2).CB(x2).S(x2)		10	5	13	11	9	8	6
2: 16x6" (L/50) — [05] — C1: PB(x8).SB(x8)		2	4	6	4	2	1	—
Yamashiro		<i>QF: 2</i>						

<b>Ise</b>	1915	85	23	+ 2	5 RB	7	4	2224
<i>Data for: 1918</i>		35	10	9	3	9	9	0
1: 12x14" (L/45) — [04] — AT2: B(x2).CB(x2).S(x2)		10	5	13	11	9	8	6
2: 20x5.5" (L/50) — [04] — C1: PB(x10).SB(x10)		2	3	5	4	2	—	—
Ise, Hyuga		<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 (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>							

**Japan**

**BC**                      **Battle Cruiser**

<b>Kongo</b>	1911	64	28	+ 2	5 RB	5	3	1663
<i>Data for: 1915</i>		31	10	8	3	9	8	0
1: 8x14" (L/45) — [04] — AT2: B(x2).S(x2)		10	5	13	11	9	8	6
2: 16x6" (L/50) — [05] — C1: PB(x8).SB(x8)		2	4	6	4	2	1	—
Kongo, Hiei, Haruna, Kirishima		<i>QF: 3</i>						

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

**Japan**

**SD Semi-Dreadnought**

<b>Satsuma</b>	1905	65	20	+ 1	5 RB	5	3	873
<i>Data for: 1910, Satsuma</i>		30	7	8	3	6	8	7
1: 4x12" (L/45) — [05] — AT2: B.S		3	5	11	9	7	6	4
2: 12x10" (L/45) — [03] — AT2: PB(x3).SB(x3)		5	3	9	7	5	—	—
3: 12x4.7" (L/45) — [02] — C1: PB(x6).SB(x6)		2	3	4	2	1	—	—
Satsuma		<i>QF: 3</i>						

<b>Satsuma</b>	1906	65	20	+ 1	5 RB	5	3	872
<i>Data for: 1911, Aki</i>		30	7	8	3	6	8	7
1: 4x12" (L/45) — [05] — AT2: B.S		3	5	11	9	7	6	4
2: 12x10" (L/45) — [03] — AT2: PB(x3).SB(x3)		5	3	9	7	5	—	—
3: 8x6" (L/45) — [03] — C1: PB(x4).SB(x4)		2	3	5	4	2	—	—
Aki		<i>QF: 4</i>						

<b>Settsu</b>	1909	71	20	+ 1	5 RB	6	3	728
<i>Data for: 1912, Kawachi</i>		29	8	10	2	9	9	0
1: 4x12" (L/50) — [01] — AT2: B.S		3	5	12	9	8	6	5
2: 8x12" (L/45) — [05] — AT2: PB(x2).SB(x2)		3	5	11	9	7	6	4
3: 10x6" (L/45) — [03] — C1: PB(x5).SB(x5)		2	3	5	4	2	—	—
4: 8x4.7" (L/40) — [01] — S1: PB(x4).SB(x4)		1	2	3	2	—	—	—
Kawachi		<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 (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>							

**Japan**

**SD**                      *Semi-Dreadnought*

<b>Settsu</b>	1909	72	20	+ 1	5 RB	6	3	733
<i>Data for: 1912, Settsu</i>		30	8	10	2	9	9	0
1: 4x12" (L/50) — [01] — AT2: B.S		3	5	12	9	8	6	5
2: 8x12" (L/45) — [05] — AT2: PB(x2).SB(x2)		3	5	11	9	7	6	4
3: 10x6" (L/45) — [03] — C1: PB(x5).SB(x5)		2	3	5	4	2	—	—
4: 8x4.7" (L/40) — [01] — S1: PB(x4).SB(x4)		1	2	3	2	—	—	—
Settsu								<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 (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>						

**Japan**

**B** *Pre Dreadnought*

<b>Ibuki</b>	1907	41	22	+ 0	4 RB	4	3	470
		23	7	7	4	8	7	0
1: 4x12" (L/45) — [05] — AT2: B.S		3	4	11	9	7	6	—
2: 8x8" (L/45) — [01] — AT2: PB(x2).SB(x2)		4	4	7	5	4	2	—

Ibuki, Kurama

*QF: 2*

*Poor underwater protection; Poor magazine protection  
These vessels were termed battlecruisers when built,  
though they actually conform more to the Pre-  
Dreadnought battleship type.*

<b>Tsukuba</b>	1905	43	21	+ 0	4 RB	4	3	424
		23	7	7	4	8	8	0
1: 4x12" (L/45) — [05] — AT2: B.S		3	4	11	9	7	6	—
2: 12x6" (L/45) — [03] — C1: PB(x6).SB(x6)		2	3	5	4	2	—	—
3: 12x4.7" (L/40) — [01] — S1: PB(x6).SB(x6)		1	2	3	2	—	—	—

Tsukuba, Ikoma

*QF: 2*

*Poor underwater protection; Poor magazine protection  
These vessels were termed battlecruisers when built,  
though they actually conform more to the Pre-  
Dreadnought battleship type.*

<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 (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>							

**Japan**

**CL**                      *Light Cruiser*

<b>Chikuma</b>	1909	10	26	- 1	4 RB	2	2	128
		7	7	4	3	5	0	0
1: 8x6" (L/45) — [03] — S1: B.PB(x3).SB(x3).S		2	3	5	4	2	—	—
Chikuma, Yahagi, Hirado		<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 (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>							

**Japan**

**CP Protected Cruiser**

<b>Mogami</b>	1907	4	23	- 2	3 RB	1	1	43
		3	5	0	3	4	0	0
1: 2x4.7" (L/50) — [01] — S1: B.S		1	2	4	3	—	—	—
2: 2x18" Torpedo — [22] — TT1: PB.SB		3	1	-1	—	—	—	—
Mogami		<i>QF: 2</i>						

<b>Tone</b>	1905	9	23	- 1	4 RB	2	2	106
		8	6	0	4	5	0	0
1: 2x6" (L/45) — [03] — S1: B.S		2	3	5	4	2	—	—
2: 10x4.7" (L/40) — [01] — S1: PB(x5).SB(x5)		1	2	3	2	—	—	—
Tone		<i>QF: 2</i>						

<b>Yodo</b>	1906	3	22	- 2	3 RB	1	1	37
		3	5	0	3	4	0	0
1: 2x4.7" (L/50) — [01] — S1: B.S		1	2	4	3	—	—	—
2: 2x18" Torpedo — [22] — TT1: PB.SB		3	1	-1	—	—	—	—
Yodo		<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 (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>							

**Japan**

**DD Destroyer**

<b>Enoki</b>	1917	2	32	- 3	3 RB	1	1	68
		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [02] — O1: B.CB.S		2	3	4	2	1	—	—
2: 6x18" Torpedo — [32] — TT3: CB(x2)		3	2	+0	-1	—	—	—
Enoki, Nara, Kuwa, Tsubaki, Maki, Keyaki								

<b>Isokaze</b>	1916	2	34	- 2	3 RB	1	1	53
		2	5	0	0	0	0	0
1: 4x4.7" (L/40) — [01] — O1: B.CB(x2).S		1	2	3	2	—	—	—
2: 6x18" Torpedo — [32] — TT2: CB(x3)		3	2	+0	-1	—	—	—
Isokaze, Amatsukaze, Hamakaze, Tokitsukaze								

<b>Kaba</b>	1914	2	30	- 3	2 RB	1	1	41
		2	4	0	0	0	0	0
1: 1x4.7" (L/40) — [01] — O1: B		1	2	3	2	—	—	—
2: 4x18" Torpedo — [25] — TT2: CB(x2)		3	1	+0	—	—	—	—
Kaba, Matsu, Kashiwa, Katsura, Kaede, Kiri, Kusunoki, Ume		<i>QF: 2</i>						

<b>Momo</b>	1916	2	32	- 3	3 RB	1	1	68
		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [02] — O1: B.CB.S		2	3	4	2	1	—	—
2: 6x18" Torpedo — [32] — TT3: CB(x2)		3	2	+0	-1	—	—	—
Momo, Kashi, Hinoki, Yanagi								

<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 (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>							

**Japan**

**DD Destroyer**

<b>Sakura</b>	1911	2	30	- 3	2 RB	1	1	41
		2	4	0	0	0	0	0
1: 1x4.7" (L/40) — [01] — O1: B		1	2	3	2	—	—	—
2: 4x18" Torpedo — [25] — TT2: CB(x2)		3	1	+0	—	—	—	—
Sakura, Tachibana		<i>QF: 2</i>						

<b>Tanikaze</b>	1916	3	38	- 2	3 RB	1	1	73
		3	5	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.CB.S		1	3	4	3	1	—	—
2: 6x18" Torpedo — [32] — TT2: CB(x3)		3	2	+0	-1	—	—	—
Tanikaze, Kawakaze								

<b>Umikaze</b>	1909	2	33	- 3	3 RB	1	1	38
		2	5	0	0	0	0	0
1: 2x4.7" (L/40) — [01] — O1: B.CB		1	2	3	2	—	—	—
2: 4x18" Torpedo — [25] — TT2: CB(x2)		3	1	+0	—	—	—	—
Umikaze, Yamakaze		<i>Note that Yamakaze has different TT armament shown below (with cost modification)</i>						

**Variant 1 replaces the above entry for Weapon Battery #: 2**

3x18" Torpedo — [25] — TT1: PB.SB.CB		3	1	+0	—	—	—	—
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*Note for Variant 1: Yamakaze torpedo outfit*

*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: - 3*

<b>Urakaze</b>	1913	2	30	- 3	3 RB	1	1	52
		2	4	0	0	0	0	0
1: 1x4.7" (L/45) — [06] — O1: B		1	3	4	3	1	—	—
2: 4x21" Torpedo — [10] — TT2: CB(x2)		4	2	+0	+0	—	—	—
Urakaze, Kawakaze		<i>QF: 2</i>						