

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

## **Game data file for Russia 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.

## 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. The status of the data (new, altered or unchanged) is also shown.

### **B**      *Pre Dreadnought*

Admiral Ushakov		10 November 2008	
	General Admiral Graf Apraksin	10 November 2008	
Borodino		10 November 2008	
Dvienadsat Apostolov		10 November 2008	
Ekaterina II	Ekaterina, Sinop	10 November 2008	
	Tchesma, Georgi Pobiedonosets	10 November 2008	
Evstafi		10 November 2008	
Imperator Alexander II	1889, Imperator Alexander II	10 November 2008	
	1889, Imperator Nikolai I	10 November 2008	
	1914, Imperator Alexander II	07 January 2011	Altered Ship Data
Imperator Pavel		10 November 2008	
Navarin		10 November 2008	
Pantelimon		10 November 2008	
Peresviet		10 November 2008	
	Pobieda	10 November 2008	
Petropavlovsk		10 November 2008	
Retvisan		10 November 2008	
Rostislav		07 January 2011	Altered Ship Data
Sissoi Veliki		10 November 2008	
Tri Svititelia		07 January 2011	Altered Ship Data
Tsessarevitch		10 November 2008	

### **AC**      *Armoured Cruiser*

Admiral Nakhimov		12 November 2008	
Bayan	1903, Bayan (I)	12 November 2008	
Dmitri Donskoi	1895	07 January 2011	Altered Ship Data
Gromoboi	1899	07 January 2011	Altered Ship Data
	1906	18 November 2008	
Pamiat Azova		12 November 2008	
Rossia	1897	12 November 2008	
	1906	18 November 2008	
Rurik (I)		12 November 2008	
Vladimir Monomakh	1898	12 November 2008	

**CP Protected Cruiser**

Admiral Kornilov		12 November 2008
Askold		12 November 2008
Bogatyr	1907, as completed	12 November 2008
	1915, Kagul	12 November 2008
	1915, Pamiat Merkuria	12 November 2008
	1916, Bogatyr, Oleg	12 November 2008
Boyarin		12 November 2008
Izumrud		12 November 2008
Novik		12 November 2008
Pallada	1902	12 November 2008
	1914, Aurora	18 November 2008
	1914, Diana	18 November 2008
Svietlana		12 November 2008
Variag		12 November 2008

**DD Destroyer**

Bezstrashni	1900	07 January 2011	Altered Ship Data
Boevoi	1899	15 September 2010	Altered Ship Data
Boiki	1905	07 January 2011	Altered Ship Data
Emir Bukharski	1905	18 November 2008	
Leitenant Burakov		16 November 2008	
Pruitki		07 January 2011	Altered Ship Data
Puilki		07 January 2011	Altered Ship Data
Vnimatelni		07 January 2011	Altered Ship Data

**ML Minelayer**

Amur		12 November 2008
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**GB Gunboat**

Grozyashchi	1892, as built	12 November 2008	
Khrabri	1897, as built	12 November 2008	
Korietz		07 January 2011	Altered Ship Data
Kubanetz		12 November 2008	

**MISC Aviso**

Almaz		12 November 2008
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**TB1 1st class Torpedo Boat**

100 ton TBs	Group of 4 vessels	13 January 2011	Altered Ship Data
120 ton TBs	Group of 4 vessels	13 January 2011	Altered Ship Data
Adler		24 October 2010	New Ship Data
Lastochka		24 October 2010	New Ship Data
No 212		07 January 2011	Altered Ship Data
No 214		24 October 2010	New Ship Data
Polangen	Group of 4 vessels	13 January 2011	Altered Ship Data
Sungari		24 October 2010	New Ship Data
Sveaborg	Group of 2 vessels	24 October 2010	New Ship Data

**TB2      2nd class Torpedo Boat**

Abo	Group of 3 vessels	24 October 2010	New Ship Data
Bierke	Group of 4 vessels	13 January 2011	Altered Ship Data
Black Sea Torpedo Boats	Group of 4 vessels	13 January 2011	Altered Ship Data
Ekenes/Dago	Group of 4 vessels	13 January 2011	Altered Ship Data
Izmail	Group of 4 vessels	13 January 2011	Altered Ship Data
Sutchena	Group of 2 vessels	24 October 2010	New Ship Data
Tosna	Group of 4 vessels	13 January 2011	Altered Ship Data
Yalta	Group of 4 vessels	13 January 2011	Altered Ship Data

<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>						

**Russia**

**B Pre Dreadnought**

<b>Admiral Ushakov</b>	1892	24	16	- 1	4 RB	3	2	203
		13	4	8	3	7	7	0
1: 4x10" (L/45) — [01] — AT2: B.S		1	4	8	6	5	3	—
2: 4x4.7" (L/45) — [01] — C1: PB(x2).SB(x2)		3	3	4	3	1	—	—
Admiral Ushakov, Admiral Seniavin		<i>QF: 5</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Adm. Seniavin was captured after Tsushima and became Japanese B - Mishima</i>						

<b>Admiral Ushakov</b>	1892	24	16	- 1	4 RB	3	2	195
		13	4	8	3	7	7	0
1: 3x10" (L/45) — [01] — AT2: B; AT1: S		1	4	8	6	5	3	—
2: 4x4.7" (L/45) — [01] — C1: PB(x2).SB(x2)		3	3	4	3	1	—	—
General Admiral Graf Apraksin		<i>QF: 5</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Captured after Tsushima and became Japanese B - Okinoshima</i>						

<b>Borodino</b>	1899	53	18	+ 0	4 RB	5	3	502
		26	6	7	2	7	8	6
1: 4x12" (L/40) — [04] — AT2: B.S		4	4	10	8	6	5	—
2: 12x6" (L/45) — [01] — AT2: PFQ.SFQ.PB.SB.PAQ.SAQ		3	4	5	3	2	1	—
Borodino, Emperor Alexander III, Orel, Kniaz Suvarov, Slava		<i>QF: 6</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Orel was captured by Japan after Tsushima and partially repaired, serving as B - Iwami</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>						

**Russia**

**B Pre Dreadnought**

<b>Dvienadsat Apostolov</b>	1888	34	16	- 1	4 RB	3	2	191
		18	5	10	2	7	3	0
1: 4x12" (L/30) — [01] — O2: B.S		1	2	8	6	—	—	—
2: 4x6" (L/35) — [03] — C1: PB(x2).SB(x2)		1	2	4	3	—	—	—
Dvienadsat Apostolov		<i>QF: 5</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Ekaterina II</b>	1883	52	16	+ 0	4 RB	4	3	271
<i>Data for: Ekaterina, Sinop</i>		24	5	11	3	7	9	0
1: 6x12" (L/30) — [01] — AT2: PFQ.SFQ.S		1	2	8	6	—	—	—
2: 7x6" (L/35) — [03] — O1: B.PB(x3).SB(x3)		1	2	4	3	—	—	—
Ekaterina II, Sinop		<i>QF: 3</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Ekaterina II</b>	1883	52	16	+ 0	4 RB	4	3	317
<i>Data for: Tchesma, Georgi Pobiedonosets</i>		24	5	11	3	7	9	0
1: 6x12" (L/35) — [03] — AT2: PFQ.SFQ.S		2	2	10	8	—	—	—
2: 7x6" (L/35) — [03] — O1: B.PB(x3).SB(x3)		1	2	4	3	—	—	—
Tchsema, Georgi Pobiedonosets		<i>QF: 3</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>						

**Russia**

**B Pre Dreadnought**

<b>Evstafi</b>	1903	47	17	+ 0	4 RB	4	3	556
		25	6	7	3	7	8	0
1: 4x12" (L/40) — [04] — AT2: B.S		4	4	10	8	6	5	—
2: 4x8" (L/50) — [02] — C1: PB(x2).SB(x2)		4	3	7	5	4	—	—
3: 12x6" (L/45) — [01] — C1: PB(x6).SB(x6)		3	4	5	3	2	1	—
Evstafi, Ioann Zlatoust		<i>QF: 4</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Imperator Alexander II</b>	1885	39	15	+ 0	4 RB	4	2	217
		22	5	9	2	7	3	0
1: 2x12" (L/30) — [01] — AT2: B		1	2	8	6	—	—	—
2: 4x9" (L/35) — [01] — C1: PB(x2).SB(x2)		1	2	7	5	—	—	—
3: 8x6" (L/35) — [03] — C1: PB(x4).SB(x4)		1	2	4	3	—	—	—
Impetaror Alexander II		<i>QF: 4</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• This vessel was reconstructed in 1902-1904 and both armament changes were applied.</i>						

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

5x8" (L/45) — [01] — C1: PB(x2).SB(x2).S		4	4	7	5	4	2	—
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*Note for Variant 1: After reconstruction in 1904*

*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: + 98*

**Variant 2 replaces the above entry for Weapon Battery #: 3**

8x6" (L/45) — [01] — C1: PB(x4).SB(x4)		3	4	5	3	2	1	—
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*Note for Variant 2: After reconstruction in 1904*

*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 2: + 65*

<b>Imperator Alexander II</b>	1885	40	15	+ 0	4 RB	4	2	219
		22	5	9	2	6	7	0
1: 2x12" (L/30) — [01] — AT2: B		1	2	8	6	—	—	—
2: 4x9" (L/35) — [01] — C1: PB(x2).SB(x2)		1	2	7	5	—	—	—
3: 8x6" (L/35) — [03] — C1: PB(x4).SB(x4)		1	2	4	3	—	—	—
Imperator Nikolai I		<i>QF: 4</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Captured at Tsushima and became Japanese B - Iki</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>							

**Russia**

**B Pre Dreadnought**

**Imperator Alexander II** *Altered Ship Data* 1885 39 15 +0 4 RB 4 2 334

*Data for: 1914, Imperator Alexander II* 22 5 9 2 7 3 0

- 1: 2x12" (L/30) — [01] — AT2: B 1 2 8 6 — —
- 2: 1x8" (L/40) — [03] — S1: S 2 4 7 5 4 2 —
- 3: 10x6" (L/45) — [01] — C1: PB(x5).SB(x5) 3 4 5 3 2 1 —
- 4: 4x4.7" (L/45) — [01] — O1: PB(x2).SB(x2) 3 3 4 3 1 —

Impetaror Alexander II (renamed Zarya Svobody) *QF: 3*  
*Poor underwater protection; Poor magazine protection*

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

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*Note for Variant 1: Rearmed in 1917*

*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: - 15*

**Variant 2 replaces the above entry for Weapon Battery #: 3**

6x6" (L/45) — [01] — C1: PB(x3).SB(x3) 3 4 5 3 2 1 —

*Note for Variant 2: Rearmed in 1917*

*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 2: - 42*

**Imperator Pavel** 1903 55 18 +1 5 RB 5 3 706

- 28 7 7 3 7 7 6
- 1: 4x12" (L/40) — [04] — AT2: B.S 4 4 10 8 6 5 —
- 2: 8x8" (L/50) — [01] — AT2: PFQ.SFQ.PAQ.SAQ 3 3 7 5 4 —
- 3: 6x8" (L/50) — [02] — C1: PB(x3).SB(x3) 4 3 7 5 4 —
- 4: 12x4.7" (L/45) — [01] — C1: PB(x6).SB(x6) 3 3 4 3 1 —

Imperator Pavel (renamed Respublika in 1917), Andrei Pervoswanni *QF: 2*  
*Poor underwater protection; Poor magazine protection*

**Navarin** 1889 44 16 +0 4 RB 4 2 271

21 5 11 3 8 9 0

- 1: 4x12" (L/35) — [03] — AT2: B.S 2 2 10 8 — —
- 2: 8x6" (L/35) — [03] — C1: PB(x4).SB(x4) 1 2 4 3 — —

Navarin *QF: 5*  
*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>						

**Russia**

**B**

***Pre Dreadnought***

**Pantelimon**

1898 47 17 +0 4 RB 4 3 518

25 6 7 3 7 8 0

1: 4x12" (L/40) — [04] — AT2: B.S

4 4 10 8 6 5 —

2: 16x6" (L/45) — [01] — C1: PB(x8).SB(x8)

3 4 5 3 2 1 —

Pantelimon (renamed Potemkin, then Boretz za Svobudu)

*QF: 4*

*Poor underwater protection; Poor magazine protection*

*• Originally named Kniaz Potemkin Tavritcheski but renamed after the famous mutiny*

**Peresviet**

1895 40 19 +0 4 RB 4 3 311

22 7 7 3 6 7 0

1: 4x10" (L/45) — [01] — AT2: B.S

1 4 8 6 5 3 —

2: 11x6" (L/45) — [01] — C1: B.PB(x5).SB(x5)

3 4 5 3 2 1 —

Peresviet, Osliabia

*QF: 7*

*Poor underwater protection; Poor magazine protection*

**Peresviet**

1895 40 19 +0 4 RB 4 3 311

*Data for: Pobieda*

22 7 7 3 7 8 0

1: 4x10" (L/45) — [01] — AT2: B.S

1 4 8 6 5 3 —

2: 11x6" (L/45) — [01] — C1: B.PB(x5).SB(x5)

3 4 5 3 2 1 —

Pobieda

*QF: 7*

*Poor underwater protection; Poor magazine protection*

*• This ship was sunk at Port Arthur and raised by Japanese, repaired, and renamed B - Suwo*

<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>						

**Russia**

**B Pre Dreadnought**

<b>Petropavlovsk</b>	1892	52	17	+ 0	4 RB	4	3	487
		24	6	11	3	7	10	5
1: 4x12" (L/40) — [04] — AT2: B.S		4	4	10	8	6	5	—
2: 8x6" (L/45) — [01] — AT2: PFQ.SFQ.PAQ.SAQ		3	4	5	3	2	1	—
3: 4x6" (L/45) — [01] — C1: PB.SB		3	4	5	3	2	1	—
Petropavlovsk, Poltava, Sevastopol		<i>QF: 6</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Poltava captured at Port Arthur by Japanese and renamed B - Tango</i>						

<b>Retvisan</b>	1898	46	18	+ 0	4 RB	4	3	487
		25	6	7	3	8	7	0
1: 4x12" (L/40) — [04] — AT2: B.S		4	4	10	8	6	5	—
2: 12x6" (L/45) — [01] — C1: PB(x6).SB(x6)		3	4	5	3	2	1	—
Retvisan		<i>QF: 7</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• This ship was sunk at Port Arthur and raised by Japanese, repaired, and renamed B - Hizen</i>						

<b>Rostislav</b>	<i>Altered Ship Data</i>	1895	42	16	- 1	4 RB	4	3	304
			20	5	10	3	6	8	5
1: 4x10" (L/45) — [01] — AT2: B.S			1	4	8	6	5	3	—
2: 8x6" (L/45) — [01] — AT2: PFQ.SFQ.PAQ.SAQ			3	4	5	3	2	1	—
Rostislav			<i>QF: 6</i>						
			<i>Poor underwater protection; Poor magazine protection</i>						
			<i>• QF value later reduced to 5 (cost -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>						

**Russia**

**B Pre Dreadnought**

<b>Sissoi Veliki</b>	1892	45	16	+ 0	4 RB	4	2	321
		22	5	11	3	7	9	0
1: 4x12" (L/40) — [03] — AT2: B.S		2	2	10	8	—	—	—
2: 6x6" (L/45) — [01] — C1: PB(x3).SB(x3)		3	4	5	3	2	1	—
Sissoi Veliki		<i>QF: 5</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Tri Svititelia</b>	<i>Altered Ship Data</i> 1891	56	17	+ 0	4 RB	5	3	394
		26	6	11	3	9	11	0
1: 4x12" (L/40) — [03] — AT2: B.S		2	2	10	8	—	—	—
2: 8x6" (L/45) — [01] — C1: PB(x4).SB(x4)		3	4	5	3	2	1	—
3: 4x4.7" (L/45) — [01] — O1: PB(x2).SB(x2)		3	3	4	3	1	—	—
Tri Svititelia		<i>QF: 7</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Ship was reconstructed in 1912. Both cost modifications shown below are applied. QF value was also reduced to 6, meaning an additional cost reduction of -1</i>						

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

12x6" (L/45) — [01] — C1: PB(x4).SB(x4); O1: PB(x2).SB(x2)		3	4	5	3	2	1	—
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*Note for Variant 1: Reconstructed in 1912*

*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: + 42*

**Variant 2 replaces the above entry for Weapon Battery #: 3**

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*Note for Variant 2: 4.7" guns removed on reconstruction*

*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 2: - 34*

<b>Tsessarevitch</b>	1899	55	19	+ 0	4 RB	5	3	520
		26	6	8	3	8	8	6
1: 4x12" (L/40) — [04] — AT2: B.S		4	4	10	8	6	5	—
2: 12x6" (L/45) — [01] — AT2: PFQ.SFQ.PB.SB.PAQ.SAQ		3	4	5	3	2	1	—
Tsessarevitch		<i>QF: 6</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>						

**Russia**

**AC** *Armoured Cruiser*

<b>Admiral Nakhimov</b>	1884	34	17	- 1	4 RB	3	2	250
		19	5	7	3	5	2	0
1: 8x8" (L/35) — [01] — AT2: B.PB.SB.S		2	2	6	4	—	—	—
2: 10x6" (L/35) — [03] — C1: PB(x5).SB(x5)		1	2	4	3	—	—	—
Admiral Nakhimov		<i>QF: 3</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Bayan</b>	1899	22	21	- 1	4 RB	2	2	209
<i>Data for: 1903, Bayan (I)</i>		12	7	7	2	6	6	0
1: 2x8" (L/40) — [03] — AT1: B.S		2	4	7	5	4	2	—
2: 8x6" (L/45) — [01] — C1: PB(x4).SB(x4)		3	4	5	3	2	1	—
Bayan (I)		<i>QF: 5</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• Sunk at Port Arthur, raised by Japanese and used as CA - Aso</i>						

<b>Dmitri Donskoi</b>	<i>Altered Ship Data</i>	1881	21	17	- 1	4 RB	2	2	295
<i>Data for: 1895</i>			14	4	5	2	0	0	0
1: 6x6" (L/45) — [01] — S1: B.S; C1: PB(x2).SB(x2)			3	4	5	3	2	1	—
2: 10x4.7" (L/45) — [01] — C1: PB(x2).SB(x2); O1: PB(x3).SB(x3)			3	3	4	3	1	—	—
Dmitri Donskoi			<i>QF: 5</i>						
			<i>Poor underwater protection; Poor magazine protection</i>						

Class Name Variant or Small Vessel Grouping (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							

**Russia**

**AC Armoured Cruiser**

<b>Gromoboi</b>	<i>Altered Ship Data</i>	1897	31	20	+ 0	4 RB	3	3	351
<i>Data for: 1899</i>			19	7	6	3	9	0	0
1: 4x8" (L/40) — [03] — C1: PB.SB; S1: PB.SB			2	4	7	5	4	2	—
2: 16x6" (L/45) — [01] — C1: BR.PB(x7).SB(x7); S1: S			3	4	5	3	2	1	—
Gromoboi			<i>QF: 6</i>						
			<i>Poor underwater protection; Poor magazine protection</i>						

<b>Gromoboi</b>		1897	31	20	+ 0	4 RB	3	3	414
<i>Data for: 1906</i>			19	7	6	3	9	0	0
1: 4x8" (L/40) — [03] — C1: PB.SB; S1: PB.SB			2	4	7	5	4	2	—
2: 16x6" (L/45) — [01] — C1: BR.PB(x10).SB(x10); S1: S			3	4	5	3	2	1	—
Gromoboi			<i>QF: 5</i>						
			<i>Poor underwater protection; Poor magazine protection</i>						
			<i>• The ship was rearmed in 1917 and both modifications shown are applied together</i>						

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

6x8" (L/40) — [03] — S1: B.PB.SB.S; C1: PB.SB			2	4	7	5	4	2	—
<i>Note for Variant 1: Rearmed in 1917</i>									

*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: + 30*

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

14x6" (L/45) — [01] — C1: PB(x10).SB(x10)			3	4	5	3	2	1	—
<i>Note for Variant 2: Rearmed in 1917</i>									

*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 2: - 26*

<b>Pamiat Azova</b>		1886	19	17	- 1	4 RB	2	3	132
			13	6	5	3	1	0	0
1: 2x8" (L/35) — [01] — S1: PB.SB			2	2	6	4	—	—	—
2: 13x6" (L/35) — [03] — C1: BR.PB(x6).SB(x6)			1	2	4	3	—	—	—
Pamiat Azova			<i>QF: 4</i>						
			<i>Poor underwater protection; Poor magazine protection</i>						

Class Name Variant or Small Vessel Grouping (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							

**Russia**

**AC Armoured Cruiser**

<b>Russia</b>	1894	33	20	+ 0	4 RB	3	3	368
<i>Data for: 1897</i>		20	7	7	4	9	0	0
1: 4x8" (L/40) — [03] — S1: PB(x2).SB(x2)		2	4	7	5	4	2	—
2: 16x6" (L/45) — [01] — S1: B.BLP.BLS.S; C1: PB(x6).SB(x6)		3	4	5	3	2	1	—
Russia		<i>QF: 7</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Russia</b>	1894	33	20	+ 0	4 RB	3	3	428
<i>Data for: 1906</i>		20	7	7	4	9	0	0
1: 4x8" (L/40) — [03] — S1: PB(x2).SB(x2)		2	4	7	5	4	2	—
2: 22x6" (L/45) — [01] — S1: B.BLP.BLS.S; C1: PB(x9).SB(x9)		3	4	5	3	2	1	—
Russia		<i>QF: 4</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						
		<i>• The ship was rearmed in 1917 and both modifications shown are applied together</i>						

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

6x8" (L/40) — [03] — S1: B.PB(x2).SB(x2).S		2	4	7	5	4	2	—
<i>Note for Variant 1: Rearmed in 1917</i>								

*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: + 30*

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

14x6" (L/45) — [01] — S1: PB(x7).SB(x7)		3	4	5	3	2	1	—
<i>Note for Variant 2: Rearmed in 1917</i>								

*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 2: - 97*

<b>Rurik (I)</b>	1890	33	19	+ 0	4 RB	3	3	379
		19	7	8	4	7	0	0
1: 4x8" (L/35) — [01] — S1: PB(x2).SB(x2)		2	2	6	4	—	—	—
2: 16x6" (L/45) — [01] — C1: PB(x8).SB(x8)		3	4	5	3	2	1	—
3: 6x4.7" (L/45) — [01] — S1: PB(x3).SB(x3)		3	3	4	3	1	—	—
Rurik (I)		<i>QF: 4</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>						

**Russia**

*AC*

*Armoured Cruiser*

**Vladimir Monomakh**

1880

20 15 - 1 4 RB 2 2 277

*Data for: 1898*

14 4 5 3 0 0 0

1: 5x6" (L/45) — [01] — S1:B; C1: PB(x2).SB(x2)

3 4 5 3 2 1 —

2: 12x4.7" (L/45) — [01] — C1: PB(x2).SB(x2); O1: PB(x4).SB(x4)

3 3 4 3 1 — —

Vladimir Monomakh

*QF: 4*

*Poor underwater protection; Poor magazine protection*

Class Name Variant or Small Vessel Grouping (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							

**Russia**

**CP Protected Cruiser**

<b>Admiral Kornilov</b>	1886	12	18	- 1	4 RB	2	2	108
		11	6	0	2	3	0	0
1: 14x6" (L/35) — [03] — S1: PB(x7).SB(x7)		1	2	4	3	—	—	—
Admiral Kornilov		<i>QF: 4</i>						

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

10x6" (L/45) — [01] — S1: PB(x5).SB(x5)	3	4	5	3	2	1	—
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*Note for Variant 1: As rearmed in 1905*

*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: + 71*

<b>Askold</b>	1898	11	24	- 1	4 RB	2	2	205
		9	7	0	3	6	0	0
1: 12x6" (L/45) — [01] — S1: B.PB(x5).SB(x5).S		3	4	5	3	2	1	—
Askold		<i>QF: 5</i>						

<b>Bogatyr</b>	1898	14	23	- 1	4 RB	2	2	231
<i>Data for: 1907, as completed</i>		11	7	0	4	5	5	0
1: 4x6" (L/45) — [01] — AT2: B.S		3	4	5	3	2	1	—
2: 8x6" (L/45) — [01] — C1: PB(x4).SB(x4)		3	4	5	3	2	1	—
Bogatyr, Oleg, Kagul, Pamiat Merkuria		<i>QF: 5</i>						

<b>Bogatyr</b>	1898	14	23	- 1	4 RB	2	2	185
<i>Data for: 1915, Kagul</i>		11	7	0	4	5	5	0
1: 4x5.1" (L/55) — [01] — AT2: B.S		2	3	5	4	2	—	—
2: 8x5.1" (L/55) — [01] — C1: PB(x4).SB(x4)		2	3	5	4	2	—	—
Kagul		<i>QF: 5</i>						
		• Originally named Ochakov, renamed Kagul, then General Kornilov						

Class Name Variant or Small Vessel Grouping (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							

**Russia**

**CP Protected Cruiser**

<b>Bogatyr</b>	1898	14	23	- 1	4 RB	2	2	274
<i>Data for: 1915, Pamiat Merkuria</i>		11	7	0	4	5	5	0
1: 4x6" (L/45) — [01] — AT2: B.S		3	4	5	3	2	1	—
2: 12x6" (L/45) — [01] — C1: PB(x6).SB(x6)		3	4	5	3	2	1	—
Pamiat Merkuria		<i>QF: 5</i>						

• Originally named Kagul, renamed Pamiat Merkuria, then finally renamed Komintern

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

8x5.1" (L/55) — [01] — C1: PB(x4).SB(x4)	2	3	5	4	2	—	—
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*Note for Variant 1: Carried these guns by 1917*

*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: - 70*

<b>Bogatyr</b>	1898	14	23	- 1	4 RB	2	2	214
<i>Data for: 1916, Bogatyr, Oleg</i>		11	7	0	4	5	5	0
1: 4x5.1" (L/55) — [01] — AT2: B.S		2	3	5	4	2	—	—
2: 12x5.1" (L/55) — [01] — C1: PB(x6).SB(x6)		2	3	5	4	2	—	—
Bogatyr, Oleg		<i>QF: 5</i>						

<b>Boyarin</b>	1899	7	22	- 2	3 RB	1	2	117
		6	5	0	2	3	0	0
1: 6x4.7" (L/45) — [01] — S1: B.PB(x2).SB(x2).S		3	3	4	3	1	—	—
Boyarin		<i>QF: 3</i>						

<b>Izumrud</b>	1901	7	24	- 2	3 RB	1	2	112
		6	6	0	3	1	0	0
1: 6x4.7" (L/45) — [01] — S1: B.PB(x2).SB(x2).S		3	3	4	3	1	—	—
Izumrud, Jemtchug		<i>QF: 3</i>						

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

8x4.7" (L/45) — [01] — S1: B.PB(x3).SB(x3).S	3	3	4	3	1	—	—
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*Note for Variant 1: Jemtchig had extra guns added later*

*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: + 17*

<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>						

**Russia**

**CP Protected Cruiser**

<b>Novik</b>	1898	6	25	- 2	3 RB	1	2	119
		6	5	0	3	0	0	0
1: 6x4.7" (L/45) — [01] — S1: B.PB(x2).SB(x2).S		3	3	4	3	1	—	—
Novik		<i>QF: 2</i>						

<b>Pallada</b>	1895	14	19	- 1	4 RB	2	2	181
<i>Data for: 1902</i>		12	6	0	3	6	0	0
1: 8x6" (L/45) — [01] — S1: B.S; C1: PB(x3).SB(x3)		3	4	5	3	2	1	—
Pallada, Diana, Aurora		<i>QF: 6</i> • <i>Pallada captured at Port Arthur and served at CP - Tsugaru</i>						

<b>Pallada</b>	1895	14	19	- 1	4 RB	2	2	202
<i>Data for: 1914, Aurora</i>		12	6	0	3	6	0	0
1: 10x6" (L/45) — [01] — S1: B.PB.SB.S; C1: PB(x3).SB(x3)		3	4	5	3	2	1	—
Aurora		<i>QF: 6</i> • <i>Additional guns were added in 1917 (see below)</i>						

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

14x6" (L/45) — [01] — S1: B.PB(x3).SB(x3).S; C1: PB(x3).SB(x3)		3	4	5	3	2	1	—
<i>Note for Variant 1: Additional guns added in 1917</i>								
<i>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: + 43</i>								

<b>Pallada</b>	1895	14	19	- 1	4 RB	2	2	166
<i>Data for: 1914, Diana</i>		12	6	0	3	6	0	0
1: 10x5.1" (L/55) — [01] — S1: B.S; C1: PB(x3).SB(x3)		2	3	5	4	2	—	—
Diana		<i>QF: 6</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>						

**Russia**

**CP**                      **Protected Cruiser**

<b>Svietlana</b>	1895	9	22	- 1	4 RB	2	2	142
		8	5	0	2	4	0	0
1: 6x6" (L/45) — [01] — S1: B.PB(x2).SB(x2).S		3	4	5	3	2	1	—
Svietlana		<i>QF: 3</i>						
		<i>Poor underwater protection; Poor magazine protection</i>						

<b>Variag</b>	1898	12	23	- 1	4 RB	2	2	225
		10	6	0	3	6	0	0
1: 12x6" (L/45) — [01] — O1: BLP.BLS.PB(x4).SB(x4).SLP.SLS		3	4	5	3	2	1	—
Variag		<i>QF: 5</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>							

**Russia**

**DD** *Destroyer*

<b>Bezstrashni</b>	<i>Altered Ship Data</i>	1898	1	27	- 3	2 RB	1	1	21
<i>Data for: 1900</i>			1	3	0	0	0	0	0
1: 3x15" Torpedo — [01] — TT1: CB(x3)			1	10 cm	-2*	—	—	—	—
Bezstrashni, Bditelni, Bezposhtchadni, Bezshumni			<i>QF: 2</i>						
			• All served during Russo-Japanese war. <i>QF</i> later reduced to 1 (cost -1)						

<b>Boevoi</b>	<i>Altered Ship Data</i>	1898	1	28	- 3	2 RB	1	1	22
<i>Data for: 1899</i>			1	3	0	0	0	0	0
1: 2x15" Torpedo — [01] — TT1: CB(x2)			1	10 cm	-2*	—	—	—	—
Boevoi			<i>QF: 2</i>						
			• Served during Russo-Japanese war						

<b>Boiki</b>	<i>Altered Ship Data</i>	1900	1	26	- 3	2 RB	1	1	20
<i>Data for: 1905</i>			1	3	0	0	0	0	0
1: 3x15" Torpedo — [01] — TT1: CB(x3)			1	10 cm	-2*	—	—	—	—
Boiki*, Buini+, Burni*, Bravi+ (renamed Anisimov), Blestyashtchi+, Buistri+, Bodri+, Byedovi+, Bezuprechni+, Vidni, Zavidni (renamed Marti), Zaveytni, Zadorni, Zorki, Zvonki, Zhivoi, Zhivuchi, Zhutki, Zharki, Gromki+, Grozni+ (renamed Balyank), Gromyaschi			<i>QF: 2</i>						
			* Based at Port Arthur during Russo-Japanese war						
			+ These vessels were at Battle of Tsushima during Russo-Japanese war						
			• <i>QF</i> later reduced to 1 (cost -1)						

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

2x18" Torpedo — [11] — TT1: CB(x2)			3	10 cm	+0*	—	—	—	—
<i>Note for Variant 1: Some vessels were rearmed for WW1 (note that the cost does not change)</i>									

*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: + 0*

<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>						

**Russia**

**DD Destroyer**

<b>Emir Bukharski</b>	1904	2	25	- 3	2 RB	1	1	30
<i>Data for: 1905</i>		2	4	0	0	0	0	0
1: 3x18" Torpedo — [11] — TT1: CB(x3)		3	10 cm	+0*	—	—	—	—
Emir Bukharski, Finn, Moskvityanin, Dobrovoletz		<i>QF: 3</i>						

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

3x18" Torpedo — [23] — TT1: CB(x3)		3	1	-1	—	—	—	—
<i>Note for Variant 1: Improved torpedoes fitted later.</i>								
<i>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: + 2</i>								

<b>Leitenant Burakov</b>	1898	1	34	- 3	2 RB	1	1	26
		1	3	0	0	0	0	0
1: 2x14" Torpedo — [05] — TT1: CB(x2)		1	1	-2	—	—	—	—
Leitenant Burakov		<i>QF: 2</i>						
		• Served during Russo-Japanese war						

<b>Pruitki</b>	<i>Altered Ship Data</i>	1894	1	29	- 3	2 RB	1	1	22
			1	3	0	0	0	0	0
1: 2x15" Torpedo — [01] — TT1: CB(x2)			1	10 cm	-2*	—	—	—	—
Pruitki			<i>QF: 2</i>						
			• <i>QF later reduced to 1 (cost -1)</i>						

<b>Puilki</b>	<i>Altered Ship Data</i>	1896	1	28	- 3	2 RB	1	1	22
			1	3	0	0	0	0	0
1: 2x15" Torpedo — [01] — TT1: CB(x2)			1	10 cm	-2*	—	—	—	—
Puilki, Poslushni, Prochni, Porazhayushchi, Pronzitelni, Ryeshitelni*, Prozorlivi, Ryezvi, Retivi, Ryani, Podvizhni, Razyashchi*, Rastoropni*, Strogi+ (renamed Badina), Smyetlivi+ (renamed Leitenant Schmidt), Sviryepi+, Stremitelni+, Serditi*, Smyeli*, Skori*, Stalni*, Silni*, Steregushchi*, Storozhevoi*, Strashni*, Stroini*			<i>QF: 2</i>						
			+ <i>Vessel served in Black Sea</i>						
			* <i>All these vessels were based at Port Arthur and served in the Russo-Japanese war</i>						
			• <i>QF value later reduced to 1 (cost -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>						

**Russia**

**DD**

**Destroyer**

**Vnimatelni**

*Altered Ship Data* 1898

1 27 - 3 2 RB 1 1 21

1 3 0 0 0 0 0

1: 2x15" Torpedo — [01] — TT1: CB(x2)

1 10 cm -2\* — — —

Vnimatelni, Vuinoslivi, Vnushitelni, Vlastni, Grozovoi

*QF: 2*

• *All served during Russo-Japanese war*

• *QF value later reduced to 1 (cost -1)*

<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>						

**Russia**

<i>ML</i>	<i>Minelayer</i>								
<b>Amur</b>		1898	7	18	- 2	3 RB	1	2	53
			7	5	0	0	0	0	0
1: —			-	-	-	-	-	-	-
Amur, Yenisei			<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>						

**Russia**

**GB Gunboat**

<b>Grozyashchi</b>	1889	9	14	- 2	3 RB	2	1	64
<i>Data for: 1892, as built</i>		6	4	5	2	1	0	0
1: 1x9" (L/35) — [01] — C1: BR		1	2	7	5	—	—	—
2: 1x6" (L/35) — [03] — S1: S		1	2	4	3	—	—	—
Grozyashchi, Gremyashchi, Otvanji		<i>QF: 3</i>						

<b>Khrabri</b>	1894	9	14	- 2	3 RB	2	1	90
<i>Data for: 1897, as built</i>		6	4	5	2	1	0	0
1: 2x8" (L/40) — [03] — S1: PB.SB		2	3	7	5	4	—	—
2: 1x6" (L/45) — [01] — S1: S		3	3	5	3	2	—	—
Khrabri		<i>QF: 3</i>						

<b>Korietz</b>	<i>Altered Ship Data</i> 1885	5	13	- 2	3 RB	1	1	73
		5	3	0	0	0	0	0
1: 2x8" (L/35) — [01] — S1: PB.SB		2	2	6	4	—	—	—
2: 1x6" (L/45) — [01] — S1: S		3	3	5	3	2	—	—
Korietz, Mandjur		<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>						

**Russia**

<i>GB</i>	<i>Gunboat</i>								
<b>Kubanetz</b>		1886	5	13	- 2	3 RB	1	1	73
			5	3	0	0	0	0	0
	1: 2x8" (L/35) — [01] — S1: PB.SB		2	2	6	4	—	—	—
	2: 1x6" (L/45) — [01] — S1: S		3	3	5	3	2	—	—
	Kubanetz, Teretz (renamed Znamya Sozialisma), Uraletz, Zaporozhetz, Chernomoretz, Donetsk		<i>QF: 2</i>						
			• All except Zaporozhetz, Chernomoretz were rearmed as shown below						

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

2x6" (L/45) — [01] — S1: PB.SB	3	3	5	3	2	—	—
<i>Note for Variant 1: As rearmed</i>							

*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: + 6*

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

1x4.7" (L/45) — [01] — S1: S	3	3	4	3	1	—	—
<i>Note for Variant 2: As rearmed</i>							

*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 2: - 2*

<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>						

**Russia**

<b>MISC</b>	<b>Aviso</b>								
<b>Almaz</b>		1902	6	19	- 1	3 RB	1	2	41
			6	6	0	0	0	0	0
1: —			-	-	-	-	-	-	-
Almaz									

*QF: 3*  
*• Almaz was rearmed and served as a seaplane carrier in WWI*

**Variant 1 adds an additional battery to those shown above**

7x4.7" (L/45) — [01] — S1: B.PB(x3).SB(x3)			3	3	4	3	1	—	—
--	--	--	---	---	---	---	---	---	---

*Note for Variant 1: Rearmed in WWI*

*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: + 62*

<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>							

**Russia**

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

<b>100 ton TBs</b>	<i>Altered Ship Data</i>	1895	2	21	- 3	1 RB	1	1	48
<i>Data for: Group of 4 vessels</i>			2	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT1: BR(x4).CB(x4)			2	10 cm	-2*	—	—	—	—
Nos 131, 132, 268, 269			<i>QF: 3</i>						

<b>120 ton TBs</b>	<i>Altered Ship Data</i>	1899	2	19	- 3	1 RB	1	1	45
<i>Data for: Group of 4 vessels</i>			2	2	0	0	0	0	0
1: 12x15" Torpedo — [04] — TT1: BR(x4).CB(x4).S(x4)			2	10 cm	-2*	—	—	—	—
Nos 208 to 211			<i>QF: 3</i>						
			<i>Far East Fleet</i>						

<b>Adler</b>	<i>New Ship Data</i>	1890	1	27	- 4	1 RB	1	0	29
			1	2	0	0	0	0	0
1: 3x15" Torpedo — [04] — TT1: BR.CB(x2)			2	10 cm	-2*	—	—	—	—
Adler (Later No 256)			<i>QF: 1</i>						
			<i>Black Sea Fleet</i>						

<b>Lastochka</b>	<i>New Ship Data</i>	1905	1	26	- 4	1 RB	1	0	28
			1	2	0	0	0	0	0
1: 3x15" Torpedo — [04] — TT1: PB.SB.CB			2	10 cm	-2*	—	—	—	—
Lastochka			<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>						

**Russia**

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

<b>No 212</b>	<i>Altered Ship Data</i>	1901	1	24	-4	1 RB	1	1	19
			1	3	0	0	0	0	0
1: 3x15" Torpedo — [04] — TT1: BR.PB.SB			2	10 cm	-2*	—	—	—	—
Nos 212, 213			<i>QF: 2</i>						
			<i>Baltic</i>						
			• <i>QF value later reduced to 1 (cost -1)</i>						

<b>No 214</b>	<i>New Ship Data</i>	1902	1	29	-4	1 RB	1	1	31
			1	2	0	0	0	0	0
1: 2x15" Torpedo — [04] — TT2: CB			2	10 cm	-2*	—	—	—	—
Nos 214 to 223			<i>QF: 1</i>						

<b>Polangen</b>	<i>Altered Ship Data</i>	1894	2	23	-3	1 RB	1	1	53
<i>Data for: Group of 4 vessels</i>			2	2	0	0	0	0	0
1: 12x15" Torpedo — [04] — TT1: BR(x4).CB(x4).S(x4)			2	10 cm	-2*	—	—	—	—
Polangen, Pakerort (Later Nos 119, 120)			<i>QF: 3</i>						
Nos 127 to 130, 133 to 142, 270 to 273			<i>Black Sea Fleet</i>						

<b>Sungari</b>	<i>New Ship Data</i>	1889	1	20	-4	1 RB	1	0	23
			1	2	0	0	0	0	0
1: 3x15" Torpedo — [04] — TT2: BR; TT1: CB			2	10 cm	-2*	—	—	—	—
Sungari, Ussuri (Later Nos 203, 204)			<i>QF: 2</i>						
			<i>Black Sea Fleet, later Far East Fleet</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>						

**Russia**

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

<b>Sveaborg</b>	<i>New Ship Data</i>	1886	1	20	- 4	1 RB	1	1	24
<i>Data for: Group of 2 vessels</i>			1	2	0	0	0	0	0
1: 6x15" Torpedo — [04] — TT2: BR(x2); TT1:CB(x2)			2	10 cm	-2*	—	—	—	—
Sveaborg, Revel (Later Nos 205, 206)			<i>QF: 2</i>						
			<i>Black Sea Fleet, later Far East Fleet</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>							

**Russia**

**TB2                      2nd class Torpedo Boat**

<b>Abo</b>	<i>New Ship Data</i>	1886	1	20	- 4	1 RB	1	1	25
<i>Data for: Group of 3 vessels</i>			1	2	0	0	0	0	0
1: 6x15" Torpedo — [04] — TT3: BR(x3)			2	10 cm	-2*	—	—	—	—
Abo, Vindava, Libava (later Nos 108 to 110)			<i>QF: 3</i> <i>Black Sea Fleet</i>						

<b>Bierke</b>	<i>Altered Ship Data</i>	1890	1	19	- 3	1 RB	1	1	24
<i>Data for: Group of 4 vessels</i>			1	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT2: BR(x4)			2	10 cm	-2*	—	—	—	—
Bierke, Rotchensalm, Gapsal, Moonzund (Later Nos 111 to 114)			<i>QF: 3</i> <i>Black Sea Fleet</i>						

<b>Black Sea Torpedo Boats</b>	<i>Altered Ship Data</i>	1880	1	18	- 3	1 RB	1	1	23
<i>Data for: Group of 4 vessels</i>			1	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT2: BR(x4)			2	10 cm	-2*	—	—	—	—
Sukhum, Poti, Ghelendjik, Gagri, Kotlin			<i>QF: 3</i> <i>Black Sea Fleet</i>						

<b>Ekenes/Dago</b>	<i>Altered Ship Data</i>	1890	2	20	- 3	1 RB	1	1	46
<i>Data for: Group of 4 vessels</i>			2	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT1: BR(x4).CB(x4)			2	10 cm	-2*	—	—	—	—
Ekenes, Borgo (Later Nos 117, 207) Dago, Kotka, Kronshlot, Seskar (Later Nos 118, 256, 124, 124)			<i>QF: 3</i> <i>Black Sea Fleet</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>						

**Russia**

**TB2**                      **2nd class Torpedo Boat**

<b>Izmail</b>	<i>Altered Ship Data</i>	1886	1	17	- 3	1 RB	1	1	23
<i>Data for: Group of 4 vessels</i>			1	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT2: BR(x4)			2	10 cm	-2*	—	—	—	—
Izmail, Lakhta, Luga, Narva (Later Nos 267, 105 to 107)			<i>QF: 4</i> <i>Black Sea Fleet</i>						

<b>Sutchena</b>	<i>New Ship Data</i>	1887	1	17	- 4	1 RB	1	1	20
<i>Data for: Group of 2 vessels</i>			1	2	0	0	0	0	0
1: 4x15" Torpedo — [04] — TT2: BR(x2)			2	10 cm	-2*	—	—	—	—
Sutchena, Yantchikhe (Later Nos 202 and 201)			<i>QF: 2</i> <i>Black Sea Fleet, later Far East Fleet</i>						

<b>Tosna</b>	<i>Altered Ship Data</i>	1893	2	20	- 3	1 RB	1	1	46
<i>Data for: Group of 4 vessels</i>			2	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT1: BR(x4).CB(x4)			2	10 cm	-2*	—	—	—	—
Tosna, Domesnes, Aspe, Tranzund, Nargen, Gogland (Later Nos 115, 116, 125, 126, 121, 122)			<i>QF: 3</i> <i>Black Sea Fleet</i>						

<b>Yalta</b>	<i>Altered Ship Data</i>	1886	2	21	- 3	1 RB	1	1	47
<i>Data for: Group of 4 vessels</i>			2	2	0	0	0	0	0
1: 8x15" Torpedo — [04] — TT3: BR(x4)			2	10 cm	-2*	—	—	—	—
Yalta, Novorossisk, Tchardak, Kodor, Kilia, Reni (Later Nos 266, 263, 265, 261, 262, 264)			<i>QF: 3</i> <i>Black Sea Fleet</i>						