

Voyenno-Morskoy Flot SSSR- Military Maritime Fleet of the USSR



Soviet light cruiser Krasnyi Krym at Sevastopol in 1943.

This is based on the original v1 work by David Manley, with v2 version adapted by Discord user Durnaxe, to create a full roster of the Soviet Navy, the VMF. Stats have been generated using existing ship stats and information taken from the book "Soviet Warships of the Second World War" by Jurg Meister and the following websites: Airpages.ru, WIO.ru, militaryfactory.com, tracesofwar.com, NavWeaps.com as well as others.

With thanks to Matt Cruiser (Matthijs Kruisheer) for help with the formatting.

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Green highlight is the authors notes /explanation for supposition and guess work

Yellow are game rules.

Light Blue are SHIPS points under review.

VMF is the shorthand version of the name **Voyenno-Morskoy Flot SSSR** which translates to Military Maritime Fleet of the USSR. They were also referred to as Red Fleet or Krasny flot.

A number of classes of vessels have been omitted because they do not fit the available rules (such as the M class Submarine which is more of a midget submarine) or their inclusion wouldn't bring anything to the list such as a number of the WW1 and Baltic nations submarines.

Note – Russian ships are tended to be referred to as masculine whereas British and American are female and I have kept to that here.

This Roster contains:

Four Battleships

Four Carriers

Seven Cruisers

Twelve Destroyers

Five Submarines

Ten MTBS

Thirteen types of Soviet flights with a total of 24 different roles, as well as eight US/British flight types.

The VMF had mix of old WW1 and interwar vessels from the Tzarist Imperial, or White Russian, fleet still in Soviet service as well as the few types of ships that the USSR made. In order to make a viable roster we have included ship classes that were never finished or in some cases even started! Most ships laid down as late as 1935 were never completed, with the steel being used on tanks, or were commissioned in 1945 and never saw combat. We have gone with the proposed dates for these classes. The Soviet industry had issues creating and maintaining all equipment needed for a modern ocean going fleet therefore some stats may seem lower than the number of weapons would suggest based on other ships in the Victory at Sea rulebook.

Another issue with Soviet guns built before and during the 2nd world war was their short firing life compared to other nations, some like the 7.1" on the Krasny Kavkaz / Kirov couldn't even fire 80 rounds before needing a barrel change, an extensive operation only done in dock. As such I've made a new trait to show the lack of training and use of these weapons:

Weapon Trait: Short Life: Weapons with this trait suffer an additional -1 modifier to hit.

Victory at Sea - NatCB

VMF Rules

For ease a list of the special rules are repeated here with the page number of where they are found.

Lend-Lease availability (pg 1 & 24)

Weapon Trait: Short Life (see above pg 2.)

Engine troubles: Gnevny Class Destroyer (pg 17)

Riverine Classes at sea (pg 26)

Tupolev TB-3 (SPB) 'Mothership' flight (pg 29)

Medium bomber flight capacity and restrictions (pg 29)

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The VMF fleet may take the following ships from the main Rulebook:

In 1944 ships were loaned to Russia by Britain and America as a stop gap until the agreed splitting of the surrendered Italian fleet could take place. Others were captured from Axis Nations. These ships may either be included as transferred with their 1944 refits in games set in 1944 /45 OR be included in any year game as if they are included in the VMF built list and not transferred /captured in 1944/45 using all the data in their entry.

Revenge Class Battleship (RN - pg 136): In May 1944 the *HMS Royal Sovereign* was transferred to Russia as **Arkhangelsk**. She was returned to Britain in February 1949 and was scrapped in May that year.

Omaha Class Cruiser (USN - pg 186): In April 1944 the *USS Milwaukee* was handed over to the VMF, without aircraft, where she was called the **Murmansk**. Having never seen combat she was returned to the US in April 1949 and scrapped.

Shakespeare Class Destroyer (RN - pg 163): After Romania surrendered in 1944 the Russians took over the two Thornycroft flotilla leaders that had been purchased by Romania from Britain after the 1st world war, these ships were modelled on the Shakespeare class and have the same profile. Some sources say that the pair taken over were Italian built *Regele Ferdinand* class destroyers instead and the Thornycroft destroyer leaders weren't taken over until 1946.

U-Class Submarine (RN - pg 165): In July 1944 4 *U-class* submarines were transferred to the Russian Arctic fleet, one of which was sunk by an RAF liberator in a friendly fire incident on route. The other 3 (*ex-HMS Ubroken- V2*, *ex-HMS Unison – V3*, *ex-HMS Ursula – V5*) were returned to the Royal Navy in 1949.

Vosper type 1 MTBs (RN - pg 168): 90 of these were built and shipped to Russia by America in 1942 via the lend-lease agreement and called the A1 in the VMF

Elco '80 MTBs (USN - pg 199): 60 of these were built in 1943, being supplied via lend-lease being called the A3. Both types of MTBs were equipped with Russian torpedoes rather than US/British ones.

BATTLESHIPS

At the start of the war the VMF only had the *Gangut* class of battleships in service. With two ships in the Baltic Sea and a third one in the Black Sea.

Gangut class Battleship: Sometimes called the *Poltava* class, they were launched in 1911 being commissioned in 1914/1915, only three of the four aging WW1 dreadnought class battleships were still in service at the start of the German Invasion in 1941. Originally the *Gangut*, the since re-named **Oktyabrskaya Revolutsia** (*October Revolution*), spent most of the war in Leningrad as a floating battery. The **Parizhskaya Kommuna** (*Paris Commune*), reverted to its original name of *Sevastopol* in 1943, had been damaged in the Black Sea in 1942 and remained un-repaired in Poti for the remainder of the war. The youngest of these ships, **Marat**, originally the *Petropavlovsk* was also in the Baltic. Being sunk in the shallow waters of Kronstadt near Leningrad in 1942, the superstructure and aft turrets were left above water so he was still able to be used as a 'floating' battery. In 1943 the VMF reverted his name back to *Petropavlovsk*. The fourth, *Poltava*, had been damaged by a fire in 1918 and was being used for parts for the other three. By 1940, he was decommissioned and being scrapped, an operation that was recommenced after the war in 1949.

All three active ships had repair and modernisation between 1928 & 1934, with the *Paris Commune* having more intense rebuilding in the late 30s. This modernisation added a false 'icebreaker' bow, reshaped the fore smokestack, added heavy duty cranes for either planes or MTBS, as well as replaced all the boilers. Later refits removed the flank torpedoes, spotting aircraft and increased the AA capabilities.

This is the state of the *October Revolution* in 1940.

Gangut-Class Battleship	Flank Speed	4"	Armour	4+	Hull	52/17	Traits			
	Commissioned	1914	Type	Battleship			WLPA	200	SHIPS	180
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (3 x12")	F/P/S	6"	12"	18"	25"	3	-	2	
	Q turret (3 x12")	P/S	6"	12"	18"	25"	3	-	2	
	R turret (3 x12")	P/S	6"	12"	18"	25"	3	-	2	
	X Turret (3 x12")	P/S/A	6"	12"	18"	25"	3	-	2	
	Light Guns (16x 4.7")	360	4"	8"	12"	16"	4	-2	1	Weak,
AA Battery	360	1"	2"	3"	5"	3	-	-	Local 2	
Light guns (16 x 4.7") Only 2 Attack Dice may be fired in any one arc										

Refits: Paris Commune 1940: Reduce flank speed to 3", increase hull to 54/18, add torpedo belt 1, Increase extreme range of turrets to 26", and reduce the AA battery to 2 AD. For +10 points (WLPA) OR -10 points (SHIPS)

Marat:1940: Increase the extreme range of turrets to 26" range and reduce the AA battery to 2 AD. For - 5 points (WLPA/ SHIPS)

All: 1944: *By 1944 Russia was getting a quantity of Radar sets from Britain and the US and some sources say that at least two of these ships were refitted to have Radar.* Add Radar for + 15 points (WLPA) +15 points for Marat & October Revolution (SHIPS) or +10 or for the Paris Commune

Project 23: Sovietsky Soyuz (Originally the *Lenin*) Class: Often written in English as *Sovietski Soyuz*. Four ships of this class were laid down with a planned commissioning in 1941. However technical difficulties, in that the Soviet industries couldn't successfully complete the ships, meant that work had pretty much stopped by 1940. The lead ship of the class did have the hull completed including its armour, with the second being 75% completed before the German Invasion. If Russia would have had the main guns and engines (being purchased from the US & Germany as well as other places) at least one of these ships, eclipsed in size only by the Yamato at the time, could have been potentially commissioned.

The proposed names for the class were **Sovietsky Soyuz** (*Soviet Union*, originally *Lenin*), **Sovietskaya Ukraina** (*Soviet Ukraine*, originally *Stalin*), **Sovietskaya Bielorossiya** (*Soviet Belorussia*), **Sovietskaya Rossiya** (*Soviet Russia*).

Note on weapon data, these are taken from NavWeaps.com but for the 6" these may be the post war numbers. The 16" are proposed as the guns were never made, we have taken 5" off the maximum range because nothing works as well as promised. The 100mm/56 or 3.9" was in service on the Kirov class cruiser.

Project 23 Class Battleship	Flank Speed	6"	Armour	6+	Hull	130/43	Traits	Aircraft 4, Armoured Deck, Torpedo Belt 2		
	Commissioned	1941	Type	Battleship			WLPA	800	SHIPS	780
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (3 x16")	F/P/S	11"	22"	33"	45"	3	2	3	Heavy, Short Life
	B turret (3 x16")	F/P/S	11"	22"	33"	45"	3	2	3	Heavy, Short Life
	X turret (3 x16")	P/S/A	11"	22"	33"	45"	3	2	3	Heavy, Short Life
	Light Guns (12 x 6")	360	6"	13"	19"	26"	6	-1	1	Restricted
	Light Guns (24 x 3.9")	360	6"	12"	18"	24"	6	-2	1	DP, Weak, Restricted, twin linked
	AA Battery	360	1"	3"	4"	6"	3	-	-	Local 2
Light guns (12 x 6") Only 2 Attack Dice may be fired in the Fore or Aft arcs										
Light guns (24 x 3.9") Only 2 Attack Dice may be fired in the Fore or Aft arcs										

Refits: 1944: *By 1944 Russia was getting a quantity of Radar sets from Britain and the US and so may upgrade to have Radar.* Add Radar for +40 points (WLPA) OR +75 points (SHIPS)

Project 69: Kronstadt Battlecruiser: Another unfinished class, to be called a Heavy Cruiser by the VMF, at least two ships of this class were laid down in 1939. Their incomplete hulls on the slipway in Leningrad were mistaken when photographed by the Luftwaffe for being the hulls of carriers, as the stern and bow sections were never completed. The main armaments for this class changed several times ranging from the twelve 14" British guns ordered for the Borodino class battlecruisers (laid down by the Imperial Russian Navy in WW1 but never finished), to 15" guns purchased from Germany, to local made 12" guns in triple gun turrets. There were two hulls named the **Kronstadt** & the **Sevastopol**.

As the 15" guns in twin turrets had been purchased from Germany just never delivered we have gone with those.

Kronstadt-Class Battleship	Flank Speed	7"	Armour	4+	Hull	52/17	Traits	Aircraft 2, Torpedo Belt 2		
	Commissioned	1943	Type	Battleship			WLPA	435	SHIPS	440
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (2 x15")	F/P/S	10"	20"	30"	40"	2	2	3	
	B turret (2 x15")	F/P/S	10"	20"	30"	40"	2	2	3	
	X turret (3 x15")	P/S/A	10"	20"	30"	40"	2	2	3	
	Light Guns (8 x 6")	360	6"	13"	19"	26"	4	-1	1	Restricted
	Light Guns (8 x 3.9")	360	6"	12"	18"	24"	4	-2	1	DP, Weak, Restricted
	AA Battery	360	1"	3"	4"	6"	1	-	-	Local 1

Refits: 1944: *By 1944 Russia was getting a quantity of Radar sets from Britain and the US and so may upgrade to have Radar.* Add Radar for +20 points. (WLPA) OR +35 points (SHIPS)

CARRIERS

The VMF never built an aircraft carrier until the 1970, a few years after they built a helicopter carrier. They did several paper exercises during the pre-war years, and laid a couple of hulls down, but none were ever completed to a level of seaworthiness to be classified as launched. As part of the Soviet-German non-aggression pact of 1939 the Russians did put in a request to purchase the Graf Zeppelin or the plans in order to make one themselves, not realising that the Germans had also gone abroad to Japan for help in designing their carriers. This was rejected, but VMF admirals may still opt to use the *Graf Zeppelin* (pg 221) from the rulebook.

Project 71: Like a lot of the projected ship classes the Project 71 (and its larger version, the project 72) underwent multiple changes before and while the initial hulls were being laid down. The Hulls and engines were to be from the *Chapayev* class light cruisers. The armament and flight capacities changed multiple times. Most of the reported expected displacements come in at lighter than the cruisers therefore it can only be expected that the armour is also lighter. The plans all called for the light guns to be AA capable so most likely would have used the mounts being developed for the larger ships.

Project 71	Flank Speed	6"	Armour	2+	Hull	26/9	Traits			
	Commissioned	1942	Type	Carrier: Flights: 5			WLPA	70	SHIPS	80+25
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (8 x3.9")	360	6"	12"	18"	24"	4	-2	1	DP, Restricted, Weak
	AA Battery	360	1	3	4	6	1	-	-	Local 1
Light Guns (8 x3.9") Only 2 attack dice may be fired in the fore or aft arcs										

Project 72: A progression of the Project 71, the Project 72 was more of a fleet carrier in concept, being multi-tiered with approximately 62 aircraft on board. The ships' AA secondary weapons were also larger weapons, using the AA mounts which were being developed (but would never be used) for several Destroyers. Its deck armour would have been about 6" thick. *As with most of the Russian paper ships we've had to average out some of the stats from the different sources to build a reasonable ship.*

Project 72	Flank Speed	6"	Armour	3+	Hull	58/19	Traits		Armoured Deck	
	Commissioned	1942	Type	Carrier: Flights: 16			WLPA	180	SHIPS	130+80
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (8 x5.1")	360	6"	13"	19"	27"	4	-2	1	DP, Restricted, Weak, short life
	AA Battery	360	1	3	4	6	3	-	-	Local 3
Light Guns (8 x5.1") Only 2 attack dice may be fired in the fore or aft arcs										

Kostromitinova: Another paper exercise of a fleet carrier made before the war, some sources state that they would have had a commission date of late 1944 or 1945 had production gone ahead.

Kostromitinova Class	Flank Speed	6"	Armour	3+	Hull	102/34	Traits	Armoured Deck, Radar,		
	Commissioned	1944	Type	Carrier: Flights: 22			WLPA	180	SHIPS	160+110
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (16 x5.9")	360	6"	13"	19"	26"	6	-1	1	Restricted,
	Light Guns (24 x3.9")	360	6"	12"	18"	24"	10	-2	1	DP, Weak, Restricted
	AA Battery	360	1"	3"	4"	6"	2	-	-	Local 2
Light Guns (16 x5.9") Only 2 attack dice may be fired in the fore or aft arcs										
Light Guns (24 x3.9") Only 3 attack dice may be fire in the fore or aft arcs										

Project 1058: Design B Battle Carrier: Another type of project that the VMF were investigating was that of a battle carrier, a vessel that is a mix between a battleship and an aircraft carrier such as the IJN modified ISE class. The Soviet government approached and paid for US shipyards, Gibbs and Cox, to design and build at least two Battle Carriers, they were working on three designs, A, B & C. However, with the invasion of Finland the US shipyards cancelled the contract and returned the payment to the USSR.

We have gone with the design B with its four turrets. We have used the same 16" guns as were being designed for the Sovietsky Soyuz class battleship. The proposed numbers of guns, 28 5" & 32 x 28mm AA guns have been added as secondary light guns with DP and local AA.

Project B battlecarrier	Flank Speed	7"	Armour	5+	Hull	148/49	Traits	Torpedo Belt 2, Armoured Deck		
	Commissioned	1944	Type	Carrier: Flights: 9			WLPA	410	SHIPS	510+45
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (3 x 16")	F/P/S	11"	22"	33"	45"	2	2	3	Heavy, Short Life
	B turret (3 x 16")	F/P/S	11"	22"	33"	45"	2	2	3	Heavy, Short Life
	X turret (3 x 7.1")	P/S/A	11"	22"	33"	45"	2	2	3	Heavy, Short Life
	Y turret (3 x 7.1")	P/S/A	11"	22"	33"	45"	2	2	3	Heavy, Short Life
	Light guns (28 x5.1")	360	6"	13"	19"	27"	7	-2	1	Weak, short life, DP, restricted
	AA Battery	360	-	-	-	-	-	-	-	Local 5
Light Guns (28 x5.7") Only 3 attack dice may be fired in the fore or aft arcs										

CRUISERS

Tallinn Class Cruiser: As part of the Russo-German pact of 1939, the Russians were to purchase two *Admiral Hipper* class cruisers. Only one was sold, the *Lützow*, purchased as the **Petropavlovsk*** and renamed the **Tallinn** in 1943. She was never completed and only served as a floating battery. After receiving damage during the siege of Leningrad she was beached to prevent her sinking. The Luftwaffe sunk her in 1943, but she was raised and repaired to sea worth for the relief of Leningrad. Never finished and with nearly all her equipment wrecked beyond repair, she was scrapped in the late 1950s, although dates as early as 1953 and late as 1961 are also mentioned.

When she was delivered to the Russians, only the front turrets and the AA guns were installed, so that is the profile presented here. Should you wish, you may want to use the profile of the *Admiral Hipper* class (KM pg 225) without refits to represent her in her finished state. There were discussions if the Tallinn would have been equipped with German purchased torpedoes or the Soviet made 21" ones.

**Side note – yes, this name was originally the Gangut class ship Marat, then when they called the ex-Lützow the Tallinn they reused the name back on the Gangut... Talk about confusing, this is one of the reasons why it is easy to get confused by VMF ships!*
note German ships are referred to as both masculine and feminine, I've gone with feminine for the Tallinn to keep with how Admiral Hipper class is referred to in the rulebook.

Tallinn Class Cruiser	Flank Speed	6"	Armour	3+	Hull	36/12	Traits			
	Commissioned	1940	Type	Cruiser			WLPA	110	SHIPS	90
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (2 x8")	F/P/S	9"	18"	27"	37"	2	-	1	
	B turret (1 x8")	F/P/S	9"	18"	27"	37"	1	-	1	
	AA Battery	360	-	-	-	-	-	-	-	Local 1

Svetlana Class Cruiser: Originally laid down during World War 1, considered to be a different class to the *Admiral Nakhimov* class by the west. Out of the four ships laid down that can be considered to make up the class, only one was ever completed as a cruiser. Construction on him was suspended in 1917 until 1922. Named as **Klara Zetkin** during trials in 1925 he was laid up for repairs after a collision at sea before being renamed **Profintern** in 1927, he was modified and commissioned in 1928, being renamed to **Krasny Krim** (*Red Crimea*) in 1939.

Despite being of the same designed class as the *Krasny Kavkaz*, the **Chervonaya Ukraina** (*Red Ukraine*, originally the *Admiral Nakhimov*) has the same profile as below, including refits.

Svetlana Class Cruiser	Flank Speed	4"	Armour	2+	Hull	13/4	Traits	Aircraft 1		
	Commissioned	1928	Type	Cruiser			WLPA	70	SHIPS	45
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light Guns (15 x 5.1")	360	5"	10"	15"	20"	9	-2	1	Weak,
	AA Battery	360	1"	3"	4"	6"	1	-	-	Local 1
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot
Light guns (15 x 5") Only 4 Attack Dice may be fired into the port or starboard arc. Only 2 Attack Dice may be fired in the aft arc, and only 3 Attack Dice may be fired into the fore arc.										

Refit: 1941 (*exact date unknown*): Remove aircraft 1 and one set of port & starboard torpedo systems. Increase AA battery AD to 2 for -10 points (WLPA) OR +0 points (SHIPS)

1944 (*suspected /proposed*): Add Radar for +10 points (WLPA). OR +5 points (SHIPS)

Krasny Kavkaz class cruiser: While technically the *Krasny Kavkaz* was another of the larger Svetlana light cruiser classes, the extensive modifications meant that the **Krasny Kavkaz** (*Red Caucasus* originally *Admiral Lazarev*) is seen as its own class. Delayed as he was, even by Russian standards at over 20 years, the modifications include the mounting of experimental 7.1" (180mm) guns, later used on the *Kirov* class heavy cruisers, meaning the removal of all the casement guns and the rebuilding of most of the super structure is why he is often counted as a different class.

The 3.9" secondary guns, while being the same as proposed on the Kronstadt battlecruiser and others have only been counted in AA/ local trait values due to the weapon mountings used.

Krasny Kavkaz Class Cruiser	Flank Speed	6"	Armour	2+	Hull	18/6	Traits	Aircraft 2		
	Commissioned	1932	Type	Cruiser			WLPA	115	SHIPS	90
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (1 x 7.1")	F/P/S	10"	20"	30"	40"	1	-1	1	Short Life
	B turret (1 x 7.1")	F/P/S	10"	20"	30"	40"	1	-1	1	Short Life
	X turret (1 x 7.1")	P/S/A	10"	20"	30"	40"	1	-1	1	Short Life
	Y turret (1 x 7.1")	P/S/A	10"	20"	30"	40"	1	-1	1	Short Life
	AA Battery	360	-	-	-	-	-	-	-	Local 1
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot
Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot	

Refit: 1940: Remove aircraft 2 and replace the AA battery as below for -5 points (WLPA/ SHIPS):

Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
AA Battery	360	1"	2"	3"	4"	1	-	-	Local 1

1942: remove one set of port and starboard torpedoes. Increase the AA Battery AD to 2 and local 2 for +0 points (WLPA) OR +5 points (SHIPS)

1944: increase AA battery to local 3 for +5 points (WLPA/ SHIPS).

1944 (*suspected /proposed*): Add Radar For +15 points (WLPA). OR +10 points (SHIPS)

Project 26: Kirov Class Cruiser: The class was designed with help of Italian technical assistance, build around the new 7.1" (180mm) guns trailed on the *Krasny Kavkaz* and laid down in 1935. Both ships, **Kirov & Voroshilov**, were commissioned before the war and despite being damaged, both were repaired and survived the war.

Kirov Class Cruiser	Flank Speed	7"	Armour	3+	Hull	18/6	Traits	Aircraft 2, Depth Charges		
	Commissioned	1939	Type	Cruiser			WLPA	130	SHIPS	130
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (3 x 7.1")	F/P/S	10"	20"	30"	41"	2	-1	1	Short Life
	B turret (3 x 7.1")	F/P/S	10"	20"	30"	41"	2	-1	1	Short Life
	X turret (3 x 7.1")	P/S/A	10"	20"	30"	41"	2	-1	1	Short Life
	Light guns (6 x3.9")	360	6"	12"	18"	24"	2	-2	1	DP, Weak
	AA Battery	360	-	-	-	-	-	-	-	Local 1
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot

Refit 1941: Remove Aircraft 2 and replace the AA battery as follows: for +0 points (WLPA/ SHIPS)

Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
AA Battery	360	1"	2"	3"	5"	1	-	-	Local 1

1944 (suspected /proposed): Add Radar for +15 points (WLPA) OR +10 points (SHIPS)

Project 26bis: Maksim Gorky: Technically this class is just a modification of the Kirov class, "bis" being Russian for "Modified", the four ships (**Maksim Gorky, Molotov, Kalinin & Kaganovich**), despite being improved, were still not great sea handling ships. All these ships survived the war, the *Kalinin & Kaganovich* being built and served in the Pacific taking no active part in the war.

Maksim Gorky Class Cruiser	Flank Speed	7"	Armour	3+	Hull	21/7	Traits	Aircraft 2, Depth Charges		
	Commissioned	1940	Type	Cruiser			WLPA	140	SHIPS	145
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (3 x 7.1")	F/P/S	10"	20"	30"	41"	2	-1	1	Short Life
	B turret (3 x 7.1")	F/P/S	10"	20"	30"	41"	2	-1	1	Short Life
	X turret (3 x 7.1")	P/S/A	10"	20"	30"	41"	2	-1	1	Short Life
	Light guns (6 x3.9")	360	6"	12"	18"	24"	2	-2	1	DP, Weak,
	AA Battery	360	1"	2"	3"	5"	1	-	-	Local 1
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot

1943: Remove Aircraft 2 and increase Depth Charges to AD2 for -5 points (WLPA)OR +5 points (SHIPS)

1944 (suspected /proposed): Add Radar for +15 points (WLPA) OR +10 points (SHIPS)

Project 68: Chapayev Class Cruiser: Due to issues with the *Kirov-Class* (including the *Maxim Gorky's* modified sub-class), a new class of cruiser was designed. Slightly bigger with different guns and improved armour, seven hulls had been laid down between 1938 and 1940. None were more than 20% completed by the time the Germans invaded. Work had previously been stopped due to the lack of steel. Several changes to the project were made over the years, each altering the proposed armament. In the end, there was to be a mix of 5.9"/6" on some emplacements and improved turrets for 7.1" or 8" guns on others. Out of the proposed 17 hulls there could have been 2 or 3 different subclasses.

Of the 7 hulls laid down, only 6 had been named: **Frunze, Kuibishev, Ordzhonikidze, Chapyev, Chkalov & Zhelezniakov**. Five were finished after the war with one being destroyed. Another, the *Frunze*, was used to repair the damaged *Molotov* in 1943.

The common accepted proposal for the initial seven hulls was the 6" variant, which we have gone for here.

Chapayev Class Cruiser	Flank Speed	7"	Armour	3+	Hull	28/9	Traits	Aircraft 2,		
	Commissioned	1943	Type	Cruiser			WLPA	120	SHIPS	175
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A turret (3 x 6")	F/P/S	6"	13"	19"	26"	2	-1	1	Twin linked
	B turret (3 x 6")	F/P/S	6"	13"	19"	26"	2	-1	1	Twin linked
	X turret (3 x 6")	P/S/A	6"	13"	19"	26"	2	-1	1	Twin linked
	Y turret (3 x 6")	P/S/A	6"	13"	19"	26"	2	-1	1	Twin linked
	Light guns (8 x 3.9")	360	6"	12"	18"	24"	3	-2	1	DP, Weak,
	AA Battery	360	1"	2"	3"	5"	1	-	-	Local 1
	Port Torpedo 21" 53/38	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Starboard Torpedo 21" 53/38	S	2"	5"	7"	10"	3	-	3	Devastating, one shot
Light Guns (8 x 3.9") Only 2 Attack Dice may be fired into any arc.										

Refits: 1944: *By 1944 Russia was getting a quantity of Radar sets from Britain and the US and so may upgrade to have Radar.* Add Radar for + 10 points (WLPA) OR +5 points (SHIPS)

DESTROYERS

Project 1, Project 38 & Project 38bis: Leningrad Flotilla Leader class Destroyer: Classified as a single class by the VMF, these were the first Soviet designs for a Flotilla or Destroyer leader, inspired by existing French and Italian designs. Six were made with two of them being destroyed and a third sunk in shallow waters but recovered in 1942. Project 38 was an update to the plans, and is sometimes called the *Minsk* class, being laid down in 1934.

The 6 Destroyers were **Kharkov, Leningrad, Minsk, Moskva, Tbilisi & Baku** (originally called *Ordzhonikidze*)

Leningrad Class Destroyer	Flank Speed	7"	Armour	1+	Hull	5/2	Traits	Depth Charges		
	Commissioned	1936	Type	Destroyer			WLPA	45	SHIPS	50
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (5 x 5.1")	360	6"	13"	19"	27"	2	-2	1	Weak, short life
	AA Battery	360	-	-	-	-	-	-	-	Local 1
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	4	-	3	Devastating, Slow load
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	4	-	3	Devastating, slow load
Light Guns (5 x 5.1") Only 1 Attack Dice may be fired in the Fore or Aft arcs										

Refits: all, 1942/43: Increase the AA battery to range bands 1/2/3/4 with AD 1. Change light guns to (4 x 5.1") but no change in stats. For +5 points (WLPA /SHIPS)

1944: Add Sub-Hunter & Radar Traits +10 points (WLPA /SHIPS)

Note This ship doesn't get agile due to general poor handling at sea.

Project 20: Tashkent Class Destroyer Leader: Due to the poor handling of the Leningrad class the Russians turned to the Italians for help in designing a replacement. The lead ship was built in Italy, with the rest of the class to be built in Russia. Only four of the eleven planned ships were ever laid down but they were scrapped during the invasion. The **Tashkent** himself was commissioned and served mainly as a fast transport in the Black Sea until sunk by aircraft in 1942. Despite being re-floated later that year she was never repair and was scrapped after the war.

The four unfinished destroyers were to be called **Kiev, Yerivan, Ochakov, Ochakov & Perekop.**

Tashkent Class Destroyer	Flank Speed	8"	Armour	1+	Hull	6/2	Traits	Agile, Depth Charges		
	Commissioned	1936	Type	Destroyer			WLPA	50	SHIPS	60
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (3 x 5.1")	360	6"	13"	19"	27"	2	-2	1	Weak, short life
	AA Battery	360	-	-	-	-	-	-	-	Local 1
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	4	-	3	Devastating, Slow load
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	4	-	3	Devastating, slow load
Light Guns (5 x 5.1") Only 1 Attack Dice may be fired in the Fore or Aft arcs										

Refit 1941: Light guns upgraded to (6 x 6.1) increase AD to 3. Change arc restrictions to: Light Guns (6 x 5.1") Only 1 Attack Dice may be fired in the Fore arc and 2 Attack Dice in the Rear arcs. Upgrade the AA battery to range bands 1/2/3/4 and AD 1. For +10 points (WLPA /SHIPS)

(proposed) 1944: **By 1944 Russia was getting a quantity of Radar sets from Britain and the US and so may upgrade to have Radar.** Add Radar for + 5 points. (WLPA/ SHIPS)

Type I-VI Novik Class Destroyer: In 1941 the Russians still had 17 destroyers of the old broad classification of the *Novik* class. Eleven of them were veterans of the 1st world war and the following civil war, including one that had been re-floated after being scuttled. Six more, out of 14 still left incomplete in 1920, were finished and commissioned by the VMF.

Out of the 17 serving when the Germans invaded, two were sunk by bombers, six by mines, one was scuttled by retreating Russians and another was wrecked at sea. The rest survived the war to be scrapped in the early 1950s. A number of these destroyers were utilised as fast transports, especially in the Black Sea.

In 1932 the Soviet navy replaced the original 450mm 17.7" torpedoes of the *Novik* class with a new design based on Italian 450mm torpedo. For this reason, the *Novik* class Destroyers have their own type of torpedo compared to all other surface ships.

Novik Class Destroyer	Flank Speed	6"	Armour	1+	Hull	4/1	Traits	Depth Charges		
	Commissioned	1914*	Type	Destroyer			WLPA	40	SHIPS	35
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (5 x 4")	360	4"	8"	12"	17"	2	-2	1	weak
	AA Battery	360	-	-	-	-	-	-	-	Local 1
	Torpedo 17.7" 45-36NU	P/S	1"	3"	4"	7"	3	-	3	Devastating
	Torpedo 17.7" 45-36NU	P/S	1"	3"	4"	7"	3	-	3	Devastating

Light Guns (5 x 4") Only 1 Attack Dice may be fired in the Fore or Aft arcs

* presented here is the 1940 profile with wear and tear on the engines, the Yakov Sverdlov was registered as doing just over 30 knots just prior to the war at full speed. The classes initial speed of 40 knots would be 8" speed.

Type 1: Novik Class: **Yakov Sverdlov** (ex-*Novik*): As above

Type 2: **Derzky / Bespokoiny Class: Frunze** (ex-*Bistry*): Reduce hull to 3/1, reduce speed to 5" and remove Depth charges, and change light guns to read (4x 4") with no change in stats. For -10 points (WLPA) OR -15 points (SHIPS)

Type 3: **Iziaslav Class: Kalinin** (ex-*Pryemislav*) **Karl Marks** (ex-*Isiaslav*, ex-*Gromonosets*): Reduce speed to 5", remove one set of torpedoes, increase Depth Charges to AD2 for -5 points (WLPA/ SHIPS)

Type 4: **Orfey Class: Karl Liebknecht** (ex-*Captain Belli*) **Kuibishev** (ex-*Zhadanov*, ex-*Rykov*, ex-*Capitan Kern*), **Lenin** (ex-*Capitan Isylmetive*) **Voikov** (ex-*Trotsky*, ex-*Garibaldi*, ex-*lieutenant Llin*) Reduce hull to 3/1, reduce speed to 5", add AA battery 1/2/3/4" with AD 1, change light guns to read (4x 4") with no change in stats. For +0 points (WLPA) OR -5 points (SHIPS)

Type 5: **Orfey Class: Artem** (ex-*Zinoviev*, ex-*Azard*) **Engels** (ex-*Desna*), **Stalin** (ex-*Samson*), **Uritzky** (ex-*Zabiyaka*) **Volodarski** (ex-*Pobiedityel*): Reduce speed to 5", change light guns to read (4x 4") with no change in stats. Increase AA to local 2, remove one set of torpedoes, remove depth charges. For -10 points (WLPA/ SHIPS)

Type 6: **Fidonisy /Kerch Class: Dzerzhinski** (ex-*Kaliakrai*), **Nyesamozhnik** (ex-*Zante*), **Shaumyan** (Ex-*Levkos*), **Zhelezniakov** (ex-*Petrovsky*, ex-*Korfu*): Reduce hull to 3/1, reduce speed to 5", change light guns to read (4x 4") with no change in stats, add one set of torpedoes, remove depth charges. For -5 points (WLPA) OR -10 points (SHIPS)

Refits: All: Pre-1940: *In 1939 the VMF upgraded the 45-36N torpedo to the 45-36NU with a larger warhead.* Decrease the Damage dice of all torpedoes to 2 for -5 points (WLPA) OR Type 1 & 6 -5 points (SHIPS) Type 2-5 -0 points (SHIPS)

Fidonsiy /Kerch class: 1941: *At some point before or during the war the official armament of the Type 6 was altered removing torpedoes and increasing the number of AA weapons.* Remove two sets of torpedoes and increase Local Trait to 2. For -5 points (WLPA) OR +0 (SHIPS)

All: 1944: *By 1944 Russia was getting a quantity of Radar sets from Britain and the US and so may upgrade to have Radar.* Add Radar for + 5 points. (WLPA/ SHIPS)

Type 7: Gnevny Class Destroyers: Despite being planned for 1932, the first of these destroyers were laid down three years later. Some 54-60 of the class were planned to be split between the main Soviet fleets (Baltic, Black Sea, Pacific and Arctic). After the first 28 were constructed however, the shortcomings in seaworthiness and structural integrity of the designed meant that it was modified in to the 7U. Despite only 28 being laid down, 29 were built. The last one, **Rekordny**, a hybrid of a shell of a 7-U hull and equipment of a Type 7 that was damaged pre-war. Nine ships are considered destroyed during the war with another two sunk but re-floated. Records are missing for at least two, with several possibly being renamed at some point during the war.

These ships were equipped with a number of AA guns and machine guns, but such was the quality they are only counted as local.

Gnevny Class Destroyer	Flank Speed	7"*	Armour	1+	Hull	4/1	Traits	Agile, Depth Charges		
	Commissioned	1937	Type	Destroyer			WLPA	45	SHIPS	40
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (5 x5.1")	360	6"	13"	19"	27"	2	-2	1	Weak, short life
	AA Battery	360	-	-	-	-	-	-	-	Local 2
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, Slow load
Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, Slow load	
Light Guns (4 x5.1") Only 1 Attack Dice may be fired in the Fore or Aft arcs										
"* If this ship moves over 6" make a crew quality check. If failed, take an Engine area 1 critical hit which can't be repaired.										

Refits:

Grozny: 1942: Add Radar & Sub-hunter +10 points (WLPA/SHIPS)

Baku (plus others in the Artic): 1943: Add Radar & Sub-Hunter for +10 points (WLPA/SHIPS)

Note on SHIPS cost, a discount of 5 points has been given due to the 50/50 chance of becoming speed 6 every time you go 7".

Type 7-u: Storozhevoy class Destroyers: The U standing for *Uluchshonny* which translates to “Improved”. This class was formed of 26 orders prior to the war. Only a few had been commissioned before the Germans invaded in 1941. One of the main visual differences was the two smokestacks brought about by the change of the engine room layout.

One of the major changes was resolving the issue where high revs caused engine damaged, in some cases beyond repair, necessitating in the slow running of the *Gnevny* class destroyers.

Storozhevoy Class DD	Flank Speed	7"	Armour	1+	Hull	4/1	Traits	Agile, Depth Charges		
	Commissioned	1940	Type	Destroyer			WLPA	50	SHIPS	45
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (5 x5.1")	360	6"	13"	19"	27"	2	-2	1	Weak, short life
	AA Battery	360	-	-	-	-	-	-	-	Local 2
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, Slow load
Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, Slow load	
Light Guns (5 x5.1") Only 1 Attack Dice may be fired in the Fore or Aft arcs										

Project 45: Opytny class Destroyers: Only one of this class was made, with his trials and experiments continuing well into 1941. It was found that he was too lightly constructed causing issues when firing any weapons, including an inability to fire a full salvo. The *Opytny* spent the war as a floating battery in defence of Leningrad. Like many VMF destroyers he was sunk and refloated during the war, but never fully commissioned before eventually being scrapped around 1950.

Opytny Class DD	Flank Speed	8"	Armour	1+*	Hull	4/1	Traits	Agile, Depth Charges		
	Commissioned	1941	Type	Destroyer			WLPA	40	SHIPS	50
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (3 x5.1")	360	6"	13"	19"	27"	1	-2	1	Weak, short life
	AA Battery	360	-	-	-	-	-	-	-	Local 1
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	4	-	3	Devastating, one shot
Torpedo 21" 53/38	P/S	2"	5"	7"	10"	4	-	3	Devastating, one shot	
*takes Damage as civilian										

Project 30 & 30K: Ognyevoi Class Destroyers: An attempt started in 1937 to build a better seaworthy ship with twin gun turrets. Twenty-four were laid down however only two, **Ognyevoi** and **Vnushityelny**, were commissioned during the war. Another eleven were commissioned between 1947 and 1949, and twelve more were never finished being either destroyed during the war, used to repair other ships or simply scrapped incomplete after the war.

Ognyevoi Class DD	Flank Speed	7"	Armour	1+	Hull	5/2	Traits	Agile, Depth Charges		
	Commissioned	1943	Type	Destroyer			WLPA	50	SHIPS	50
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (4 x5.1")	360	6"	13"	19"	27"	2	-2	1	Weak, short life
	AA Battery	360	1"	2"	3"	5"	1	-	-	
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, Slow load
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, Slow load
Light Guns (4 x5.1") Only 1 Attack Dice may be fired in the Fore or Aft arcs										

Project 29: Yastreb & Albatros Class Torpedo Boats: The *Yastreb* was a class of ~1000 tone torpedo boats laid down prior to the invasion. While none were officially commissioned, German intelligence reported several afloat and in use in the Baltic during the war. It's not sure how many were actually commissioned or even built of these classes.

An improved version, the Project 29bis or *Albatros*-class, was laid down in the Pacific area with only one being commissioned in 1944 with 3.5" guns and weaker AA due to lack of availability.

Yastreb Class DD	Flank Speed	5"	Armour	1+	Hull	2/0	Traits	Agile, Depth Charges		
	Commissioned	1941?	Type	Destroyer			WLPA	30	SHIPS	30
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (3 x3.9" (B-24BM))	360	5"	11"	16"	22"	1	-2	1	Weak, DP
	AA Battery	360	1"	2"	3"	5"	1	-	-	Local 1
	Torpedo 21" 53/38	P/S	2"	5"	7"	10"	3	-	3	Devastating, one shot

Lend-Lease Destroyers: RN Town Class, US Wicks or Clemson Class:

Between May and August 1944 the Royal Navy handed eight former US Destroyers over to the VMF as part of the lend-lease while the reparations of the Italian fleet to Russia was worked out. A ninth was also handed over at the end of August, which the soviets commissioned as **Druzhny** (ex-HMS *Lincoln*, ex-USS *Yarnall*) in September even though it was for 'spare parts' to keep the others running.

One of these Destroyers the **Dyeyatelny** (ex-HMS *Churchill*, ex-USS *Herndon*) was torpedoed and sunk in January 1945, the rest all survived the war to be returned in 1949-50 and where scrapped between 1949 & 1952.

The other seven were called **Zharky** (ex-HMS *Brighton*, ex-USS *Cowell*), **Zhostky** (ex-HMS *Georgetown*, ex-USS *Maddox*), **Zhguchi** (ex-HMS *Leamington*, ex-USS *Twiggs*), **Zhyivuchi** (ex *HMS Richmond*, ex-USS *Fairfax*), **Dierzky** (ex-HMS *Chealsea*, ex-USS *Crowinshield*), **Dostoiny** (ex-HMS *St. Albans*, ex-USSThomas) & **Doblestny** (ex-HMS *Roxborough*, ex-USS *Foote*).

This is a generic Town Class stats as refitted by the Royal Navy from the US Destroyers in late 1940 taken from the Clemson class stats .

Town class Destroyer	Flank Speed	7"	Armour	1+	Hull	3/1	Traits	Depth Charges		
	Commissioned	1940	Type	Destroyer			WLPA	45	SHIPS	30
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (3 x4")	360	3"	7"	11"	15"	1	-2	1	Weak
	AA Battery	360	1"	2"	3"	5"	1	-	-	Local 1
	Mk 8 Torpedoes	P	2"	5"	7"	10"	3	-	3	Devastating, one shot
	Mk 8 Torpedoes	S	2"	5"	7"	10"	3	-	3	Devastating, one shot

Destroyer Escort Refits: **Its most likely that the destroyers transferred had undergone the extensive refits during the war between 1941 & 1944 before being transferred in 1944.**

Replace the light guns as below, remove starboard set of torpedoes and change Port side ones to P /S arc. Increase depth charges to AD2 and add Hedgehog and Radar traits for +5 points (WLPA) OR +20 (SHIPS)

Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
Light Guns (1 x 4")	F/P/S	3"	7"	11"	15"	1	-2	1	Slow load, Weak

Moskva Class Gunboats: Twelve suction dredgers ordered from Germany before the war were hastily converted into gunboats to protect the Gulf of Finland & Lake Ladoga. Three were sunk with a fourth blown up in dry dock to prevent capture in 1941. This profile can also be used for other Auxiliary gun boats used in the Black Sea during the war.

It is also used for the **Elpidiofor** class, which were four 1st world war amphibious operations craft that served as gunboats in the Black Sea during the war.

Moskva Class DD	Flank Speed	2"	Armour	1+	Hull	2/0	Traits			
	Commissioned	1941	Type	Civilian, Destroyer			WLPA	15	SHIPS	15
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (3 x3.9" (B-24BM))	360	5"	11"	16"	22"	1	-2	1	Weak, DP
	AA Battery	360						-	-	Local 1

Refits:

Elpidiofor class: increase Hull to 3/1, add AA battery with range 1/2/3/4 with AD1 for +5 points (WLPA /SHIPS)

Type of Civilian, Destroyer means it can take critical hits off weak weapons, can't try and detect submarines but still adds a -1 to hit modifier to any attack against it.

SUBMARINES

The VMF had some 200+ submarines in service at the start of the war. A lot of them of 1st world war vintage. Here we have concentrated on the larger Soviet built submarines.

L Class: Leninets:

These twenty-five were built off the model of the British 1st world war L class submarine, L.55, which had been sunk during the 1919 war and re-floated in 1928. The L.55 took no part in the war.

Four series made up the L class. The Series II, first commissioned 1933, armed with a single 102mm deck gun and 6 fore torpedo tubes. The Series XI & XIII (1936-1939) that added some AA and 2 after torpedoes. The XIIIbis commissioned just before the war had minor changes which don't affect any stats.

L Class Submarine	Flank Speed	3"/2	Armour	2+	Hull	3/1	Traits	Agile		
	Commissioned	1933	Type	Submarine			WLPA	70	SHIPS	30
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (1 x4" (B-2))	F/P/S	4"	9"	13"	18"	1	-2	1	Weak, Slow Load, short life
	Torpedo 21" 53/38	F	2"	5"	7"	10"	6	-	3	Devastating, slow load

Refits:

Series XI, XIII & XIIIbis: Add local 1, add aft arc torpedo system with range 2/5/7/10", AD 2 DD3, Devastating one shot. Replace slow load with one shot on Fore Torpedo system. +5 points (WLPA /SHIPS)

Shch Class: Shchuka Class: Translation Pike:

Originally designed in the 1920s, they were built all through the war with many different series and modifications, none of which alter the stats. The six series that make up the class are the **III, V, VII, VIII** (modified to **XIIbis**), **X** and **Xbis**.

Shch Class Submarine	Flank Speed	3"/2	Armour	2+	Hull	2/1	Traits	Agile		
	Commissioned	1933	Type	Submarine			WLPA	65	SHIPS	25
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	AA Battery	360						-	-	Local 1
	Torpedo 21" 53/38	F	2"	5"	7"	10"	6	-	3	Devastating, slow load*

* Torpedoes have AD 4 after reloading.

The deck gun(s) on these five series of submarines were that small a calibre (1.7") they are not classified in VaS therefore we've made them count as local 1 as this class has no AA capability.

S Class: Stalinetz Class Submarines:

The *Stalinetz*, or “followers of Stalin”, was also called the *Srednyaya*-class. Designed in the Netherlands by a Dutch company called IKS, which was a company owned by several of the biggest German ship builders and the Kriegsmarine. The appearance of the **XVI** series (the 3rd series of the class, after **IX** & **IXbis**) was very similar to the KM VII-C type U-Boat.

S Class Submarine	Flank Speed	4"/2	Armour	2+	Hull	2/0	Traits	Agile		
	Commissioned	1933	Type	Submarine			WLPA	75	SHIPS	40
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (1 x4" (B-2))	F/P/S	4"	9"	13"	18"	1	-2	1	Weak, Slow Load
	AA Battery	360						-	-	Local 1
	Torpedo 21" 53/38	F	2"	5"	7"	10"	6	-	3	Devastating, slow load

Refit: Optional: 1940: Change light guns arc to P/S/A for +0 points (WLPA /SHIPS)

Project KE-9: K Class: Kreiserny or Cruiser class Submarine:

Also known as the Series VIX, it was originally designed for ocean going with a small reconnaissance plane, called an SPL. The SPL was completed as a prototype and flown 1933, however no submarines with the hangar were built, so we've included this as an optional refit.

K Class Submarine	Flank Speed	4"/2	Armour	2+	Hull	4/1	Traits	Agile		
	Commissioned	1939	Type	Submarine			WLPA	95	SHIPS	90
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	Light guns (2 x3.9" (B-24))	360	5"	11"	16"	22"	1	-2	1	Weak, DP, short life,
	AA Battery	360						-	-	Local 1
	Fore Torpedo 21" 53/38	F	2"	5"	7"	10"	4	-	3	Devastating, slow load**
	Aft Torpedo 21" 53/38	A	2"	5"	7"	10"	4	-	3	Devastating, slow load
Deck Torpedoes 21" 53/38*	P/S	2"	5"	7"	10"	2	-	3	Devastating, slow load	

*Deck Torpedoes may only be fired when the submarine is on the surface

** Fore torpedoes have two reloads instead of the usual one for slow load on a torpedo.

The K Class carried 24 torpedoes for its 10 tubes

Refits: 1939: Optional: Add Aircraft 1 for +5 points (WLPA & SHIPS)

Motor Torpedo Boats

G5 MTBs: An all-aluminium boat, built for speed with later variants going at over 55 knots. A couple of different weapon fits here tried during the war, including one where they replaced the 2 torpedoes with a Katyusha rocket system. However due to the rocket's inaccuracy, short range and small payload mean we've not included this weapon.

D3 MTBs: A larger more traditional made MTB. The D3 is just one of the types the VMF built, often removing the torpedoes and adding more depth charges.

Uragan class: made up for 3 groups, each over 600 tones, these torpedo boats built before the war, **count as being an MTB base on its own.**

MO Guard Boat: Several different types of these were built, being very similar in capabilities, the stat line provided can cover any of them. Both MO guard boats and G5 MTBs were given to the Republican navy during the Spanish civil war.

Artillerist Class Sub Chaser: Sixty-six were built during 1939 & 1940, also called BO-2 Class. They are ~240 tonne vessels. **Two of these make an MTB base.**

PTC sub chaser: Twenty-six of these craft were transferred on lend-lease.

	Year	Cost	Speed	Armour	Smoke	AA	Torpedoes	Weapons
G5 MTB	1936	20	10"	4+	N	1	2	-
D3 MTB	1939	20	7"	4+	Y	1	2	DC
Uragan	1933	20	5"	5+	Y	2	3	LG, DC
MO guard boat	1935	15	3"	3+	Y	1	-	DC
Artillerist sub chaser	1939	15	4"	5+	Y	2	-	LG, DC
PTC sub chaser	1941	15	6"	5+	Y	1	-	DC

Riverine Vessels

These vessels were not built to withstand the open seas but rather the larger tidal rivers of the Soviet Union and borders such as the Amur, Volga & Dniپر rivers. They have been included here if people want to do coastal scenarios.

Any Destroyer or Riverine MTB chosen from this section will take X-3 AP - hits in the end phase if they are not within one inch of land, where X is how far away from land the vessel is. Eg a 1124 is 4" away from the closest land it will take 4-3 = 1 hit.

Bronyekater/ Armoured Motor Gunboats:

The armoured motor gunboat called BK or Bronyekater is the typical Russian river gunboat, lightly armoured and with tank turrets as their main weapons. They did have limited use in the shallow areas of the Baltic Sea & the Sea of Azov. Only two types were made during the war so as to simplify the shipyards work, the 1124 & 1125, the 1125 being the smaller of the two. Out of about 270 built 90 were destroyed. A larger BMKA class was made being 8-10 tonne heavier designed to be ocean going.

Riverine MTB	Year	Cost	Speed	Armour	Smoke	AA	Torpedoes	Weapons
1124	1940	10	5"	4+	Y	1	0	LG
1125	1940	10	4"	5+	Y	1	0	LG

Taifun class River Monitors: Also spelt Tayfun, translation, Typhoon: There were 7 of this class made with three different armaments. Mainly used in the East of Russia they took part in the classes against the Japanese. The famous *Shkval* along with two others was armed with four 5.1" guns, three more equipped with 2 of the same 4.7" guns as *Gangunt* class Dreadnoughts per turret. The last had a single 6" gun per turret.

Taifun Class DD	Flank Speed	2"	Armour	2+	Hull	2/0	Traits	Armoured Deck, Agile, Riverine		
	Commissioned	1910	Type	Riverine Destroyer			WLPA	20	SHIPS	10
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A Turret 1 x 5.1"/55	F/P/S	5"	10"	15"	20"	1	-2	1	Weak
	P Turret 1 x 5.1"/55	F/P/S	5"	10"	15"	20"	1	-2	1	Weak
	S Turret 1 x 5.1"/55	P/S	5"	10"	15"	20"	1	-2	1	Weak
	X Turret 1 x 5.1"/55	P/S/A	5"	10"	15"	20"	1	-2	1	Weak
	AA Battery	360	-	-	-	-	-	-	-	Local 1

Refits: Optional: Replace all turrets, keeping the original arcs with the one of following weapons: for +5 points (WLPA) OR +0 points (SHIPS)

Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
Turret 2 x 4.7"/50	*	4"	8"	12"	17"	2	-2	1	Weak

for +5 points (WLPA) OR +0 points (SHIPS)

Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
Turret 1 x 6"/50	*	4"	9"	13"	19"	1	-1	1	

Project 1190: Khasan class River monitor:

A River monitor capable of being ocean going if needed, they were developed in the late 1930s to replace the *Taifun* monitors. The three built all served in the pacific fleet but did not take part in the Soviet invasion of Manchuria.

Khasan Class DD	Flank Speed	3"	Armour	2+	Hull	3/1	Traits	Armoured Deck, Agile		
	Commissioned	1942	Type	Destroyer			WLPA	35	SHIPS	35
	Weapon	Arc	PB	SR	LR	ER	AD	AP	DD	Traits
	A Turret 1 x 5.1"/50	F/P/S	6"	13"	19"	27"	1	-2	1	Weak, short life, DP
	B Turret 1 x 5.1"/55	F/P/S	6"	13"	19"	27"	1	-2	1	Weak, short life, DP
	X Turret 1 x 5.1"/55	P/S/A	6"	13"	19"	27"	1	-2	1	Weak, short life, DP
	AA Battery	360	1"	2"	3"	5"	1	-	-	Local 1

Flights:

With the lack of carriers being built in Russia in the 1920s and early 30s most carrier capable aircraft never left the design board. Therefore, people have looked at conjecture as to what aircraft the VVS would have flown off a carrier deck. Out of the two main approaches it is easiest for us to go down the route that most navies originally ventured down, that is the ruggedisation and adaptation of existing land-based aircraft, rather than look at prototypes and specialised designs, so that is what we have done here. It's worth nothing that even though no carrier was built the Russians did look at adapting the Yak9k to be carrier capable in 1943/44, as well as the I15 & I16 fighters pre-war.

Historically lots of the Soviet aircraft were old designs and obsolete before the invasion in 1941 with large numbers being destroyed in the first week of the war. As the war progressed more and more modern aircraft come off the production line, easily the equal to anything the Germans or Western Allies were producing.

We have gone with IL2 over the more common concept of the SU-2 as a carrier light bomber purely because the IL 2s construction and armour means it gains the trait tough and therefore brings something different to the game for the VMF admirals. The IL2 also has an official version that was designed to carry torpedoes, the IL-2T, it's a relatively small step to think that they would have put this into production if carrier operations were to be carried out. The Kor-2 was the replacement observation plane put on cruisers, but was also equipped with depth charges so has been added as a carrier ASW flight to help the gameplay balance due to an otherwise lack of sub hunting equipment, especially compared to destroyers of other nations.

We have also added some of the lend-lease aircraft types that the Russians used as a stop gap while their own designs and productions caught up with the losses from the start of the war. These are not to fill a hole in the roster but purely for those who want to do a fully historical list.

Flight	Cost	SHIPS	Year	Role	Speed	Carrier	Dogfight	DD	Traits
Mikoyan-Gurevich MiG 3	20	14	1941	Fighter	29	N	+1	0	
Polikarpov I-16	15	10/4	1935	Fighter	22	Y*	+0	0	
Polikarpov I-16	10	8/4	1939	Bomber	22	Y*	-1	2	-2 AP
Polikarpov I-16 (TsKB-29 SPB)	10	20/4	1939	Dive Bomber	22	Y*	-1	2	Devastating
Petlyakov PE-2	20	10	1941	Bomber	26	N	-1	6	
Petlyakov PE-2	20	10	1941	Torpedo Bomber	26	N	-1	2	Devastating
Petlyakov PE-2	20	42	1941	Dive Bomber	26	N	-1	4	Devastating
Yakovlev Yak 1	20	18	1940	Fighter	26	N	+2	0	
Yakovlev Yak 9	25	24/12	1943	Fighter	31	Y	+3	0	
Polikarpov I-15/153	15	8/4	1934	Fighter	16	Y	+0	0	
Polikarpov I-15/153	10	6/4	1934	Bomber	16	Y	-1	1	-2 AP
Tupolev SB-2	10	6/4	1936	Bomber	20	Y**	-3	5	
Arkhangelsky Ar-2 (SB-2 variant)	20	46/22	1940	Dive Bomber	23	Y**	-3	6	Devastating
Ilyushin IL4	10	6	1942	Bomber	18	N	-3	10	Large

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Ilyushin IL4	10	10	1942	Torpedo Bomber	18	N	-3	4	Large, Devastating
Ilyushin IL 2 Shturmovik	15	10/4(6)	1941/1943	Bomber	18	Y	+0	2/3***	Tough
Ilyushin IL 2 Shturmovik	15	12/6	1941	Torpedo Bomber	18	Y	+0	2	Tough, Devastating
Tupolev TB-3	15	6	1935	Bomber	13	N	-3	12	Large
Tupolev TB-3 (SPB)	15	4	1939	Mothership	12	N	-3	4	Large
Beriev Be-4 (Kor-2)	10	6/2	1941	Bomber	16	Y	-3	2	
Beriev Be-4 (Kor-2)	10	8/4	1941	ASW	16	Y	-3	0	DC
Beriev MBR-2bis	10	4	1935	Bomber	11	N	-3	2	
Beriev MBR-2bis	10	8	1935	ASW	11	N	-3	0	DC
Petlyakov PE-8	15	8	1940	Level Bomber	20	N	-3	11	Large, Heavy

*I16 – the I-16 Bomber and dive bomber roles are only carrier capable with a TB-3 Mothership. They were historically adapted and used for this. We have kept them as mothership carrier capable only so as to keep the I-15 an option in list building.

**The SB-2 & AR-2 count as two flights each against carrier capacity. They may not be taken on a Project B battle carrier.

*** The 3 Damage dice is to represent the PTAB bomblets used rather than adding Heavy or anything else that would aid too much against heavier ships.

Mothership – a mothership is a bomber that comes with a flight of I-16 aircraft. During the movement phase a mothership may launch this flight in the same way as a carrier launched flights but isn't restricted to facing the wind or not turning. These flights may not be pre-launched with the use of scouting points, nor can they attempt to land. Note under SHIPS the flight MUST be paid for separately using the CBA cost.

Lend-Lease:

The following aircraft types may be taken with any available roles: From USN (pg 198) **P40, P39, B25, B17, PBV Catalina, P-51**. From RN (pg 167) **Spitfire or Hurricanes**.