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## **Politics**



Russia's Black Sea Fleet marines carry out acrobatic exercise called "transportation of heavy-weight items" or "transportation of a wounded person" on board of "Mikhail Kutuzov" cruiser, February 19, 2008.

Photo: RIAN

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## Mar. 20, 2008

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## The Entire Russian Fleet

February 23rd is traditionally celebrated as the Soviet Army Day (now called the Homeland Defender's Day), and few people remember that it is also the Day of Russia's Navy. To compensate for this apparent injustice, Kommersant Vlast analytical weekly has compiled The Entire Russian Fleet directory. It is especially topical since even Russia's Commander-in-Chief compared himself to a slave on the galleys a week ago. The directory lists all 238 battle ships and submarines of Russia's Naval Fleet, with their board numbers, year of entering service, name and rank of their commanders. It also contains the data telling to which unit a ship or a submarine belongs. For first-class ships, there are schemes and tactic-technical characteristics. So detailed data on all Russian Navy vessels, from missile cruisers to base type trawlers, is for the first time compiled in one directory, making it unique in the range and amount of information it covers. The Entire Russian Fleet carries on the series of publications devoted to Russia's armed forces. Vlast has already published similar directories about the Russian Army (#17-18 in 2002, #18 in 2003, and #7 in 2005) and Russia's military bases (#19 in 2007). As always, we draw our readers' attention to the fact that all information has been taken from public sources only. We have used the materials of over 5,000 Russian and foreign media, analytic reports and reviews, and other publications and Internet resources.

Although several new ships and submarines have been built for Russia's Navy recently, the fleet is in depression. Severe problems and disproportions threaten to completely undermine its military potential. Chief danger lies in the reduction in the number of vessels, their rapid ageing, and the lack of adequate substitution with modern ships. Negative trends in the Navy's development have not been overcome, and Russia keeps facing the risk of losing its fleet.

**Lopsided Development of Strategic Nuclear Forces** 

When the Navy's financing was drastically reduced after 1991, developing the Naval Strategic Nuclear Forces (NSNF) became the priority. The NSNF were declared to be the basis of Russia's nuclear-missile shield. Consequently, the country got involved in building an expensive series of Project 955 strategic nuclear submarine cruisers. It consumed the major part of financial resources allocated for the fleet's development, and the trend keeps strengthening. In 2007, around 70 percent of funds allocated for the entire battleship building were spent on constructing just three Project 955 and Project 955A atomic-powered vessels, not to mention the test program for Bulava ballistic missile, intended as their armament.

While building new missile carriers, the Navy kept massively removing old ones from service. By now, there have remained in the Russian fleet just 12 acting submarines with ballistic missiles (six Project 667BDRM "Delfin" built in the 1980s, and six older submarines of Project 667BDR "Kalmar"). While 667BDR submarines are living their last years, 667BDRM ones undergo midlife repair and modernization, which will allow extending their service term till 2020. They are now being re-equipped with modified R-29RMU2 "Sineva" ballistic missiles, able to carry up to ten warheads. First four serial Sineva missiles were supplied to the fleet in 2006, and 12 more missiles were produced in 2007, which allowed re-arming Tula atomic-powered ship. Meanwhile, modernizing these vessels consumes major part of money that the Navy spends on vessel repair. It hampers the work on ships of other classes (including non-strategic atomic submarines).

The situation is logical, because there is an ambitious and hardly feasible task to maintain the fleet of atomic missile carriers at the same level as the U.S. does (the U.S. has 14 submarines with ballistic missiles), while the funding in Russia is incomparably lower. By the way, the Russian Naval Fleet's budget in 2007 (if estimated in U.S. dollars) was nearly 50 times less than the U.S. Navy's budget. Meanwhile, the U.S. Navy is not building new missile carriers at all, and plans to begin replacing its Ohio submarines not earlier than in 2026.

Russia's focus on developing the NSNF looks highly disputable. Supporters of this state of affairs (including the Naval Fleet's top officials) point at high battle durability and survival potential of strategic submarines in case of first nuclear missile attack from an enemy. However, they hush up two fundamental circumstances.

First, Russia's strategic atomic-powered vessels have low index of operative effort. Even in its best times, the Fleet was able to simultaneously maintain in military service not over 10-15

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percent of its submarines (while the U.S. Navy maintains over 50 percent). Consequently, Russian missile carriers spend most of their time in military bases, thus being an extremely easy target.

Second, the Fleet's degrading General-Purpose Naval Forces are evidently not enough to secure battle durability (protection from enemy forces' impact) for strategic submarine cruisers at sea. When all funds are spent on building and repairing missile carriers, while forces supposed to cover them at sea are not renewed and are reduced, it is impossible to speak of the NSNF's high survival potential. Meanwhile, the opponents able to threaten Russia's strategic nuclear submarines (U.S and NATO fleets) have overwhelming advantage in forces at sea. By the way, the estimations meant to justify the NSNF's advantages, including the cost-effectiveness index, usually ignore the expenditures necessary for deploying support and cover forces. However, those forces include not only atomic submarines, but also considerable groupings of surface ships, anti-submarine aircrafts, stationary hydro-acoustic lighting system, air-defense of bases, coast infrastructure, and many other important elements.

## **Reduction of Common-Purpose Forces**

Investing nearly all funds in the naval strategic forces, Russia is spending resources on power fit for just one (and least likely) scenario of an armed conflict – the universal nuclear war. Meanwhile, solving the Fleet's many other tasks of peaceful time and war time can be entrusted to the general-purpose non-nuclear forces only.

Strategic submarine missile-carriers are not necessary to solve a multitude of tasks like demonstrating the flag and the military presence, struggling against terrorism, participating in international and peacekeeping missions, evacuating civilians, transferring troops, guarding the coast, territorial waters and economic zone, protecting fishing and trade, securing the extraction and transportation of hydrocarbons. Just as strategic nuclear submarines will not be necessary in local conflicts. Meanwhile, the growing combat potential of the fleets of Russia's neighbors and developing countries raises the question whether the reduced Russian general-purpose naval forces would be able enough to counteract limited aggressive actions, especially since Russia's Naval Forces are so disconnected among the fronts.

The funds allocated to the Fleet for non-strategic components are not enough for complete new ship-building. Moreover, it is not enough even for repairing the existing vessels, which now rapidly become worthless, get removed from service, and become written off.

Once most numerous in the world, Russia's submarine forces suffered severe reduction in the 1990s. The Russian Naval Fleet now has less nuclear submarines than the U.S. Navy does, and tends to further decline. There is practically no construction of new multi-purpose atomic submarines for the Russian Fleet. As an exception, Project 885 "Severodvinsk" submarine has been under construction since 1993. However, it will enter service not earlier than in 2010. What is worse, only six out of two tens of the Fleet's multi-purpose atomic submarines were repaired in the last decade. Moreover, each repair dragged on for many years.

To replenish the fleet of diesel-electric submarines, new Project 677 "Saint-Petersburg" submarine was under construction at Admiralteiskie Verfi dockyard since 1997. It was launched in 2004, but its entering the service was delayed due to numerous imperfections.

The Fleet's above-water forces keep being reduced now. Back in February 2005, Then Commander-in-Chief of the Russian Naval Fleet Vladimir Kuroedov said that battle ships are expected to leave service massively after 2010, without being replaced by new ones, and, consequently, not over fifty ships will remain by 2020. With so small a fleet, Russia's Navy will be incapable of safeguarding the national security even in the nearest sea zone.

Unfortunately, the trend has not been overcome in recent years. "Soviet Union Fleet Admiral Kuznetsov" is the only aircraft-carrier that has remained in the Russian fleet. It is the first and the last Soviet heavy aircraft-carrying cruiser with springboard start and horizontal landing for airplanes. The ship certainly is of great importance for the Fleet both in prestige and practice. It is a school for deck aviation, which allows preserving and storing up the experience that might prove useful in the future. However, the ship's technical condition is in decadence, and it is no longer a combat-ready unit. The matter is aggravated by the difficulty of training the pilots for the 279th independent naval fighter air regiment, which now has just 19 deck fighter jets Su-33.

Due to economic reasons, construction of new aircraft-carriers is a matter of far future, although there are design works going on now.

Escort battle ships are in a difficult situation as well. Project 956 stream-turbine destroyers have unreliable high-pressure boilers, which require costly and highly qualified technical maintenance, while the Fleet is now unable to provide it. So, just eight out of 17 built ships of that type have remained in the fleet by now, and not over three of them are in working order. Project 1155 large anti-submarine ships with gas-turbine power installations are in a somewhat better situation.

Project 22350 frigate now represents the class of ocean-zone prospective ships. "Soviet Union Fleet Admiral Sergei Gorshkov" is the first ship in the series. Its construction began in 2006 at Severnaya Verf dockyard. The construction of Project 12441 new-generation patrol ship "Novik" began in Kaliningrad in 1997 with great pomp. However, it suffered unfortunate fate: due to its technical complexity and high cost, they decided to remake it into "Borodino" training ship. Instead, the construction of simpler and cheaper Project 20380 corvettes began in 2001.

"Steregushchy" lead ship is ready. However, due to financial and technical reasons, the construction of Project 22350 and Project 20380 vessels is delayed, although the Fleet optimistically plans to have up to 20 frigates and 40 corvettes accordingly.

Mosquito fleet (it includes rocket boats and artillery boats) has reduced by many times as well, and is not being replenished. The Fleet has practically stopped developing its mine-sweeper forces. Russian mine-sweepers' major drawback is their lack of modern automatic systems for destroying mines along the course of a ship.

Large-scale modernization of the Fleet's vessels is out of the question now. From 1991 on, qualitative development of Russia's above-water naval forces has come to a standstill. So, those surface ships and boats which have remained in service are technically 20-30 years behind, and they lag more and more behind modern requirements and foreign vessels of corresponding types.

#### Two Fleets for Four Fronts

Financing the Northern Fleet's and the Pacific Fleet's common-purpose forces still allows maintaining in service at least a minimal number of ships able to secure battle durability for submarine missile-carriers in their coastal regions. On the contrary, the Baltic Fleet and the Back Sea Fleet have lost their combat capability, and can only carry out parade/representation functions now.

The Russian Fleet's crisis is aggravated by its historic curse – the geographic disconnection of forces among four (or five, if counting the Caspian Sea Fleet) sea fronts, which makes it extremely difficult to maneuver among them. That is the reason why Russia has been chronically weak on each of its sea fronts.

The Northern Fleet can so far be considered the only oceanic fleet of Russia. However, its common-purpose forces have few vessels for implementing combat tasks – just three Project 949A nuclear submarines, two tens of atomic multi-purpose and diesel-electric submarines, aircraft-carrier "Admiral Kuznetsov", missile cruisers "Peter the Great" and "Marshall Ustinov", and several smaller ships. It allows securing the sea patrol by one strategic submarine missile cruiser, and periodical patrolling by some submarines and surface ships. Low combat-readiness of the only aircraft-carrier hampers forming more or less effective groupings for actions in the open sea. So, the Northern Fleet can now apply its forces only for a defense operation near Russia's coast or for covering nuclear missile-carriers deployment in coastal regions. The Fleet's inability to secure on-schedule repair of the vessels puts the Northern Fleet at risk of losing its aircraft-carrier, a number of missile cruisers, torpedo boat destroyers, and Project 949A submarines. In that case, the Northern Fleet will eventually turn into a flotilla.

The Pacific Fleet has now almost completely fallen into two groupings – in Kamchatka and in Primorie. They are almost devoid of operative connection. Kamchatka's above-water forces are practically liquidated. It reduces to zero the ability to fully secure strategic submarines' combat duty, although it is here where new Project 955 missile-carriers are to be supplied. The Pacific Fleet's forces in Primorie have completely lost their nuclear submarines, and now constitute a small unit headed by "Variag" missile cruiser. The Pacific Fleet's technical maintenance and vessel repair has always been the worst among all Russian fleets.

Russia has completely lost its century-long supremacy in the Baltic Sea and the Black Sea. Both fleets are now unable to counteract even the united naval groupings of NATO-neighboring countries, not to mention their inability to blockade strait zones. The Black Sea Fleet is a quaint mixture of solitary ships of different types, most of which now have museum value.

There are no prospects for the above-water fleet's renovation for the coming 10-15 years. Although, several new-type vessels' construction has been initiated recently (Project 22350 frigate, five Project 20380 corvettes, three Project 21630 small artillery ships, Project 11711 large landing ship). However, the real amount of financing turns all these programs into protracted construction. The total number of ships planned to be built under the State Weaponry Program for 2007-2015, even if it is successfully and fully implemented, will not allow counting on the equal replacement of ageing ships and the formation of homogeneous units of new-type vessels. Most likely, it will boil down to replenishing some of the fleets with a few single ships.

## Commanders of the Russian Fleet

Vysotsky Vladimir Sergeevich Commander-in-Chief of the Naval Fleet (since September 11, 2007). Admiral.

Born on August 18, 1954, in Komarno village of Lvov region in the Ukrainian Soviet Socialist Republic. Graduated from the Nakhimov Naval School, the Black Sea Highest Naval School (Sevastopol) in 1976, the Supreme Special Officer Classes of the Naval Fleet in 1982, the Naval Academy (cum laude) in 1990, and the General Staff Academy (cum laude) in 1999.



His service began in the Pacific Fleet: commander of anti-submarine group of the mine-torpedo battle unit (BCh-3) of a large anti-submarine ship, commander of BCh-3, assistant commander of



Photo: Леонид Якутин

"Admiral Senyavin" cruiser. Senior assistant commander of a missile cruiser from 1983. Senior assistant commander of "Minsk" heavy aircraft-carrying cruiser from 1986. Appointed in 1990 as crew commander of "Variag" aircraft-carrier under construction. However, its building was suspended, and then the ship was sold to China to be disassembled into metal parts.

In 1992, appointed as deputy commander, and in 1994 – as commander of the 36th missile ship division of the Pacific Fleet. In 1999, transferred to the Northern Fleet as chief of staff of the Kolsk Flotilla of Diverse Forces (in 1993-1996, the position was occupied by his predecessor at the Russian Naval Fleet's Commander-in-Chief position Vladimir Masorin). In 2000, took part in the operation to save K-141 "Kursk" submarine. On January 21, 2002, became commander of the Kolsk Flotilla of Diverse Forces. On August 20, 2004, appointed chief of staff of the Baltic Fleet. Commander of the Northern Fleet from September 26, 2005.

Abramov Mikhail Leopoldovich Chief of Main Staff of the Naval Fleet (since September 4, 2005). Admiral.

Born on July 6, 1956 in Vladivostok to a family of military men. In 1978, graduated from the Pacific (Vladivostok) School Highest Naval as engineer/electro-mechanic. Graduated from the Supreme Special Officer Classes of the Naval Fleet in 1984, from the Naval Academy in 1989, and from the General Staff Academy in 2001.

Entered service in the Pacific Fleet as commander of the start battery of the mine-torpedo battle unit (BCh-3) of "Storozhevoy" patrol ship (the ship where 3rd Class Captain Valery Sablin raised mutiny in 1975, after which the ship was transferred from the Baltic Fleet to the Pacific Fleet).



Photo: Леонид Якутин

Then, served as senior assistant commander, commander of a patrol ship. From 1989, chief of staff of the Baltic Fleet's landing ship brigade. In March 1990, returned to the Pacific Fleet, where served as deputy commander of brigade, chief of staff, commander of surface ship division, chief of staff of the Kamchatka Flotilla, chief of staff of Russia's north-east grouping of troops and forces. In 1992, commanded the Russian Fleet's detachment in the Persian Gulf during the war in Iraq.

From 2001, commander of the Primorsk Flotilla of the Pacific Fleet. On July 21, 2003, appointed chief of staff of the Baltic Fleet. Commander of the Northern Fleet from May 28, 2004.

## Tatarinov Alexander Arkadievich

First Deputy Commander-in-Chief of the Naval Fleet (since July 17, 2007). Admiral.

Born on October 25, 1950 in Olovianinsky district of Chita region. Graduated from the Black Sea Highest Naval School in 1972, the Supreme Special Officer Classes of the Naval Fleet in 1980, the Naval Academy in 1988, the General Staff Academy (externally) in 2002.

Served in the Baltic Fleet: engineer, head of laboratory of the mine-torpedo weapons and equipment base. Battery commander from 1973, commander of the artillery battle unit (BCh-2) of large anti-submarine ship "Slavny" from 1976. Senior assistant commander of "Bodry" and



Photo: Леонид Якутин

"Neukrotimy" patrol ships from 1977. Commander of anti-submarine ship "Obraztsovy" from 1980 (the ship was in capital repair from 1977 to 1984).

Chief of staff (from 1988) and commander (from 1990) of the 26th anti-submarine ship brigade of the Baltic Fleet. In 1994, appointed as chief of staff of the Baltic Naval Base. From April 1996, commander of the base. From September 1997, chief of staff of the Black Sea fleet. Commander of the Black Sea Fleet from February 15, 2005.

Maximov Nikolai Mikhailovich Commander of the Northern Fleet (since November 19, 2007). Vice-admiral.

Born on May 15, 1956 in Bolgrad town in Odessa



region of the Ukrainian Soviet Socialist Republic. Graduated from the Leningrad Nakhimov Naval School in 1973, the Leninsky Komsomol Highest Naval School for Submarine Navigation (Leningrad) in 1978, the Supreme Special Officer Classes of the Naval Fleet in 1986, the Naval Academy in 1995, and the General Staff Academy (cum laude) in 2000.

Served in the Northern Fleet's submarines: group commander, commander of the missile-artillery battle unit (BCh-2), assistant, senior assistant of



Photo: Леонид Якутин

submarine cruiser commander. Afterwards, commander of nuclear submarine with ballistic missiles K-137 "Leninets" (Project 667A head submarine), deputy commander of a submarine division. From April 1996, commander of the 31st submarine division (it includes strategic-purpose submarine missile-carriers). In 2000-2001, deputy commander of the 7th Atlantic operative squadron of surface ships of the Northern Fleet.

From 2001, chief of staff of the 3rd submarine flotilla. After flotillas' transformation into squadrons, from September 2002, Nikolai Maximov commanded the Northern Fleet's 12th submarine squadron. From 2005, served as deputy commander of the Northern Fleet (while the commander was Vladimir Vysotsky, now the Fleet's commander-in-chief).

Sidenko Konstantin Semenovich Commander of the Pacific Fleet (since December 6, 2007). Vice-admiral.

Born on February 2, 1953 in Khabarovsk. Graduated from the Pacific Highest Naval School (Vladivostok) in 1975, then the Supreme Special Officer Classes of the Fleet, the Naval Academy in 1989, and the General Staff Academy in 1994.

Served in Kamchatka in the 45th anti-submarine division of nuclear submarines of the Pacific Fleet: commander of the mine-torpedo battle unit (BCh-3), assistant commander, senior assistant commander of a submarine, crew commander, commander of the submarine. Then, deputy commander, commander of the 45th submarine division of the Pacific Fleet (the division included Project 971 nuclear torpedo submarines).



Photo: Леонид Якутин

From November 1996, chief of staff of the 2nd submarine flotilla (transformed into the 16th submarine squadron in May 1998). Chief of staff from August 1999, and commander of troops and forces of Russia's north-east from June 2000. The Pacific Fleet's chief of staff from April 2002. In Autumn 2005, after AS-28 bathyscaphe sank near Kamchatka, Konstantin Sidenko, among other naval officials, was reprimanded – warned about being incompletely qualified for his position. Commanded the Baltic Fleet from May 2006.

Mardusin Viktor Nikolaevich Commander of the Baltic Fleet (since December 6, 2007). Vice-admiral.

Born on March 18, 1958 in Bryansk. Graduated from the Black Sea Highest Naval School (Sevastopol) in 1980, the Supreme Special Officer Classes of the Naval Fleet in 1986, the Naval Academy in 1991, and the General Staff Academy in 2000.

Served in the Baltic Fleet: commander of the antiaircraft missile battery, commander of artillery battle unit (BCh-2) of small missile ship "Grad", assistant commander of small missile ship "Molnia". From 1986, senior assistant commander of large missile ship "Prozorlivy". From 1988, commander of destroyer "Speshny", which had just been put out of conservation. It entered service in the fleet in 1955, and was eventually written off in 1989.



Photo: Леонид Якутин

From 1991, commander of small missile ship division, chief of staff of missile ship brigade, commander of missile boat brigade of the Baltic Fleet. In 1996, appointed as chief of staff of the Baltic Naval Base (its commander was Alexander Tatarinov, now the Fleet's first deputy commander-in-chief). From July 2000, Viktor Mardusin served as deputy chief of staff of the Baltic Fleet. From May 2001, as commander of the Baltic Naval Base.

From August 2003, deputy commander of the Pacific Fleet. In March 2005, appointed as first

deputy commander of the Black Sea Fleet (and once again served under Alexander Tatarinov's direction). From May 2006, the Pacific Fleet's chief of staff.

Kletskov Alexander Dmitrievich Commander of the Black Sea Fleet (since July 17, 2007). Vice-admiral.

Born on August 16, 1955 in Bryansk region. Graduated from the Kaliningrad Highest Naval School in 1978, the Naval Academy in 1989, and the General Staff Academy in 2003.

Served in the Baltic Fleet: assistant commander of a ship, commander of navigation battle unit (BCh-1) of base type trawler "Altaisky Komsomolets" of the Tallinn Naval Base. Commander of "Komsomolets Estonii" trawler. Chief of staff, commander of trawler division of the Baltiysk Naval Base. In the early 90s, chief of staff, commander of the 64th patrol ship brigade of water region (Baltiysk), chief of staff of the Leningrad Naval Base's ship formation.



Photo: Леонид Якутин

From 1998, chief of staff, commander of the Baltic Naval Base. From October 2005, the Baltic Fleet's chief of staff.

Kravchuk Viktor Petrovich
Commander of the Caspian Flotilla (since November 4, 2005). Rear-admiral.

Born on January 18, 1961 in Palasher town of Bereznikovsky district of Perm region. Graduated from the Pacific Highest Naval School (Vladivostok) in 1983, the Supreme Special Officer Classes of the Naval Fleet in 1988, the Naval Academy (externally) in 1997, and the General Staff Academy in 2002.

Served in the Pacific Fleet: commander of navigation battle unit (BCh-1), assistant commander, commander of a missile boat. In the late 1980s, commander of missile boat division, chief of staff, commander of missile boat brigade.

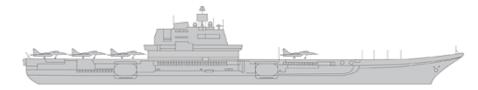


Photo: Леонид Якутин

From 1999, deputy commander and head of the armament and weaponry operation service of the Caspian Flotilla. From 2003, chief of staff and first deputy commander of the Caspian Flotilla.

## First-Class Ships and Submarines

Project 11435 heavy aircraft-carrying cruiser "Orel"



Displacement 55,000 metric tons. Length 304 meters, width 72 meters, immersion 10 meters. Full speed 29 knots, cruising range 8,000 miles. Capacity of boiler-turbine electric power installation 200,000 horse-powers. Armaments: aircraft group (up to 52 Su-33, Su-25 jets, and helicopters), 12 launchers for P-700 anti-ship missiles "Granit" (range 550 kilometers), anti-aircraft and anti-submarine systems. Crew of 1960 people (including 518 officers).

Project 1144 heavy nuclear missile cruiser "Orlan"



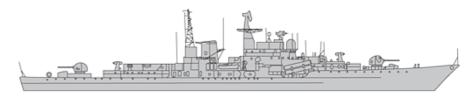
Displacement 24,500 metric tons. Length 251 meters, width 28.5 meters, immersion 10.33 meters. Full speed 31 knots. Capacity of nuclear electric power installation 140,000 horse-powers. Armaments: 20 launchers for P-700 anti-ship missiles "Granit" (range 550 kilometers), anti-aircraft, artillery, torpedo, and anti-submarine systems, 3 helicopters. Crew of 728 people (including 97 officers).

Project 1164 missile cruiser "Atlant"



Displacement 11,500 metric tons. Length 186 meters, width 20.8 meters, immersion 8.4 meters. Full speed 32 knots, cruising range 7,500 miles. Capacity of gas-turbine electric power installation 110,000 horse-powers. Armaments: 16 launchers for P-1000 anti-ship missiles "Vulkan" (range 700 kilometers) ["Marshall Ustinov" cruiser has P-500 "Bazalt" missiles of range of 550 kilometers], anti-aircraft, artillery, torpedo, and anti-submarine systems, a helicopter. Crew of 485 people (including 66 officers).

Project 956 destroyer "Sarych"



Displacement 7,940 metric tons. Length 156.5 meters, width 17.2 meters, immersion 5.96 meters. Full speed 32 knots, cruising range 4,500 miles. Capacity of boiler-turbine electric power installation 100,000 horse-powers. Armaments: 8 launchers for "Moskit" anti-ship missiles (range 120 kilometers), anti-aircraft, artillery, torpedo, and anti-submarine systems, a helicopter. Crew of 344 people (including 31 officers).

Project 1155 large anti-submarine ship "Fregat"



Displacement 7,570 metric tons. Length 163.5 meters, width 19 meters, immersion 5.2 meters. Full speed 29 knots, cruising range 5,700 miles. Capacity of gas-turbine electric power installation 62,000 horse-powers. Armaments: anti-aircraft, artillery, torpedo, and anti-submarine systems, two helicopters. Crew of 220 people (including 29 officers).

Project 667BDR nuclear submarine "Kalmar" with ballistic missiles



Submarine displacement 16,000 metric tons. Length 155 meters, width 11.7 meters, immersion 8.7 meters. Full submarine speed 24 knots. Capacity of nuclear power installation 40,000 horse-powers. Armaments: 16 launchers for RSM-50 missiles (48 warheads), 4 torpedo devices. Crew of 130 people (including 40 officers).

Project 667BDR nuclear submarine "Delfin" with ballistic missiles



Submarine displacement 18,200 metric tons. Length 167 meters, width 11.7 meters, immersion 8.8 meters. Full submarine speed 24 knots. Capacity of nuclear power installation 40,000 horse-powers. Armaments: 16 launchers for RSM-54 missiles (64 warheads), 4 torpedo devices. Crew of 130 people (including 40 officers).

Project 941 nuclear submarine "Akula" with ballistic missiles (NATO calls it Typhoon)



Submarine displacement 48,000 metric tons. Length 172 meters, width 23.3 meters, immersion 11 meters. Full submarine speed 25 knots. Capacity of nuclear power installation 100,000 horse-powers. Armaments: 20 launchers for RSM-52 missiles (200 warheads), 6 torpedo devices. Crew of 160 people (including 52 officers).

Project 949A nuclear submarine "Antei" with cruise missiles



Submarine displacement 24,000 metric tons. Length 155 meters, width 18.2 meters, immersion 9.2 meters. Full submarine speed 30 knots. Capacity of nuclear power installation 100,000 horse-powers. Armaments: 24 launchers for P-700 anti-ship missiles "Granit" (range 550 kilometers), 6 torpedo devices. Crew of 107 people (including 48 officers).

Project 971 nuclear torpedo submarine "Shchuka-B"



Submarine displacement 12,770 metric tons. Length 110.3 meters, width 13.5 meters, immersion 9.6 meters. Full submarine speed 30 knots. Capacity of nuclear power installation 50,000 horse-powers. Armaments: 8 torpedo devices. Crew of 73 people (including 33 officers).

The Northern Fleet

Commander Vice-Admiral Nikolai Maximov. Chief of staff Vice-Admiral Sergei Simonenko.

The 43rd division of missile ships (Severomorsk)

Commander Rear-Admiral Alexander Turilin.

"Admiral Kuznetsov" — Project 11435 heavy aircraft-carrying cruiser. Board number 063, in the fleet since 1990. Commander 1st-Class Captain Alexander Shevchenko. In repair.

"Peter the Great" — Project 11442 heavy nuclear missile cruiser. Board number 099, in the fleet since 1996. Commander 2nd-Class Captain Felix Menkov.

"Admiral Nakhimov" — Project 11442 heavy nuclear missile cruiser. Board number 080, in the fleet since 1988. Commander 1st-Class Captain Gennady Vasilchenko. In conservation.

"Marshall Ustinov" — Project 1164 missile cruiser. Board number 055, in the fleet since 1986.

Commander 1st-Class Captain Pavel Kravchenko.

"Admiral Ushakov" — Project 956 destroyer. Board number 434, in the fleet since 1993. Commander 1st-Class Captain Igor Neklyudov.

"Gremyashchy" — Project 956 guard destroyer. Board number 406, in the fleet since 1991. Guard commander 2nd-Class Captain Andrei Naboka.

The 11th squadron of submarines (Zaozersk) Commander Vice-Admiral Alexander Smelkov.

The 7th division of submarines (Vidyaevo)
Commander 1st-Class Captain Alexander Yuldashev.

**B-276** "Kostroma" — Project 945 nuclear submarine. In the fleet since 1987. Commander 1st-Class Captain Alexander Fedosov. In repair.

 $\mbox{\sc B-336}$  "Pskov" — Project 945A nuclear submarine. In the fleet since 1993, Commander 1st-Class Captain Alexei Belyaev.

**B-534** "Nizhny Novgorod" — Project 945A nuclear submarine. In the fleet since 1990. In repair.

**B-414** "Daniil Moskovsky" — Project 671RTMK nuclear submarine. In the fleet since 1990. Commander 1st-Class Captain Mikhail Kotsegub.

**B-448** "Tambov" — Project 671 RTMK nuclear submarine. In the fleet since 1992. Commander 1st-Class Captain Sergei Cherednichenko.

The 11th division of submarines (Zaozersk) Commander 1st-Class Captain Igor Mukhametshin.

 $\mbox{K-119}$  "Voronezh" — Project 949A guard nuclear submarine with cruise missiles. In the fleet since 1989. Guard commander 1st-Class Captain Vadim Zhurov. In repair.

**K-266** "Orel" — Project 949A nuclear submarine with cruise missiles. In the fleet since 1992. Temporary acting commander 2nd-Class Captain Sergei Pirozhenko. In repair.

**K-410** "Smolensk" — Project 949A nuclear submarine with cruise missiles. In the fleet since 1990. Commander 1st-Class Captain Anton Milovanov.

**B-138** "Obninsk" — Project 671RTMK nuclear submarine. In the fleet since 1990. Commander 1st-Class Captain Dmitry Kuznetsov.

B-388 "Sosnovy Bor" — Project 671RTMK nuclear submarine. In the fleet since 1988.

The 12th squadron of submarines (Gadjievo)
Commander Rear-Admiral Sergei Farkov.

The 18th division of submarines (Nerpichya inlet)
Temporary acting commander 1st-Class Captain Sergei Shnyak.

**TK-17** "Arkhangelsk" — Project 941 nuclear submarine with ballistic missiles. In the fleet since 1987. Commander 1st-Class Captain Andrei Bogdanov. In reserve.

**TK-20 "Severstal"** — Project 941 nuclear submarine with ballistic missiles. In the fleet since 1989. Commander 1st-Class Captain Mikhail Volozhinsky. In reserve.

**TK-208** "Dmitry Donskoi" — Project 941U nuclear submarine with ballistic missiles. In the fleet since 1982. Commander 2nd-Class Captain Oleg Tsybin. Re-equipped for test purposes.

The 24th division of submarines (Yagelnaya inlet)
Commander Rear-Admiral Anatoly Minakov.

**K-154** "Tigr" — Project 971 nuclear submarine. In the fleet since 1993. Commander 1st-Class Captain Alexander Konovalov. In repair.

K-157 "Vepr" — Project 971 nuclear submarine. In the fleet since 1995.

**K-317** "Pantera" — Project 971 nuclear submarine. In the fleet since 1990. Commander 2nd-Class Captain Alexei Dmitrov.

K-328 "Leopard" — Project 971 nuclear submarine. In the fleet since 1992. Commander 1st-Class Captain Andrei Egorov.

K-335 "Gepard" — Project 971 guard nuclear submarine. In the fleet since 2001. Guard

commander 1st-Class Captain Eduard Vakulenko. In repair.

**K-461** "Volk" — Project 971 nuclear submarine. In the fleet since 1991. Commander 1st-Class Captain Oleg Zverev. In repair.

The 31st division of submarines (Yagelnaya inlet) Commander 1st-Class Captain Alexander Moiseev.

K-44 "Ryazan" — Project 667BDR nuclear submarine with ballistic missiles. In the fleet since 1982.

**K-496** "Borisoglebsk" — Project 667BDR nuclear submarine with ballistic missiles. In the fleet since 1977. Commander 1st-Class Captain Nikolai Elezov. In repair.

K-18 "Karelia" — Project 667BDRM nuclear submarine with ballistic missiles. In the fleet since 1989. Commander 1st-Class Captain Alexei Kovalenko. In repair.

**K-51** "Verkhoturie" — Project 667BDRM nuclear submarine with ballistic missiles. In the fleet since 1984. Commander 1st-Class Captain Sergei Domnin.

K-84 "Ekaterinburg" — Project 667BDRM nuclear submarine with ballistic missiles. In the fleet since 1985. Commander 1st-Class Captain Arkady Navarsky.

K-114 "Tula" — Project 667BDRM nuclear submarine with ballistic missiles. In the fleet since 1987. Commander 1st-Class Captain Anatoly Kovalenko.

K-117 "Bryansk" — Project 667BDRM nuclear submarine with ballistic missiles. In the fleet since 1988. Commander 1st-Class Captain Andrei Pavlovsky.

**K-407** "Novomoskovsk" — Project 667BDRM nuclear submarine with ballistic missiles. In the fleet since 1990. Commander 1st-Class Captain Alexander Glushkov.

The 29th independent brigade of submarines (Olenya inlet)
Commander 1st-Class Captain Nikolai Gritsevich.

AS-13 — Project 1910 nuclear deep-water station. In the fleet since 1986.

AS-15 — Project 1910 nuclear deep-water station. In the fleet since 1991.

AS-33 — Project 1910 nuclear deep-water station. In the fleet since 1994.

AS-21 — Project 1851 special-purpose nuclear submarine. In the fleet since 1991.

AS-23 — Project 1851 special-purpose nuclear submarine. In the fleet since 1986.

AS-35 — Project 1851 special-purpose nuclear submarine. In the fleet since 1995.

AS-12 — Project 10831 nuclear deep-water station. In the fleet since 1997.

**KS-129 "Orenburg"** — Project 09786 special-purpose nuclear submarine. In the fleet since 1981. Commander 1st-Class Captain Alexei Sokolov. In repair.

Kolskaya Flotilla of diverse forces (Polyarny) Commander Vice-Admiral Sergei Rusakov.

The 2nd division of anti-submarine ships (Polyarny)
Commander 1st-Class Captain Evgeny Irza.

"Admiral Chabanenko" — Project 11551 large anti-submarine ship. Board number 650, in the fleet since 1999. Commander 1st-Class Captain Sergei Grishin.

"Admiral Levchenko" — Project 1155 large anti-submarine ship. Board number 605, in the fleet since 1988. Commander 2nd-Class Captain Sergei Okhremchuk.

"Admiral Kharlamov" — Project 1155 large anti-submarine ship. Board number 678, in the fleet since 1989. Commander 2nd-Class Captain Alexander Berlev. In reserve.

"Vice-Admiral Kulakov" — Project 1155 large anti-submarine ship. Board number 400, in the fleet since 1981. In repair.

"Severomorsk" — Project 1155 large anti-submarine ship. Board number 619, in the fleet since 1987. Commander 2nd-Class Captain Anton Speransky.

The 121th brigade of landing ships (Polyarny) Commander 1st-Class Captain Nikolai Yakubovsky.

BDK-45 "Georgy Pobedonocets" — Project 775 large landing ship. Board number 016, in the

fleet since 1985. Commander 3rd-Class Captain Arkady Lepsky.

BDK-55 "Alexander Otrakovsky" — Project 775 large landing ship. Board number 031, in the fleet since 1978. Commander 1st-Class Captain Sergei Pishchak. In repair.

BDK-91 "Olenegorsky Gornyak" — Project 775 large landing ship. Board number 012, in the fleet since 1976. Commander 2nd-Class Captain Yuri Davityan.

**BDK-182** "Kondopoga" — Project 775 large landing ship. Board number 027, in the fleet since 1976. Commander 2nd-Class Captain Gennady Medvedev. In repair.

"Mitrofan Moskalenko" — Project 1174 large landing ship. Board number 020, in the fleet since 1989. Commander 2nd-Class Captain Sergei Komarov. In conservation.

The 161st brigade of submarines (Polyarny) Commander 1st-Class Captain Alexander Gorbunov.

**B-177** "Lipetsk" — Project 877 diesel submarine. In the fleet since 1991. Commander Captain-Lieutenant Andrei Kovalev.

**B-401** "Novosibirsk" — Project 877 diesel submarine. In the fleet since 1984. Commander 3rd-Class Captain Alexander Nazariev.

**B-402** "Vologda" — Project 877 diesel submarine. In the fleet since 1984. Commander 2nd-Class Captain Anton Boiko.

**B-459** "Vladikavkaz" — Project 877 diesel submarine. In the fleet since 1990. Commander 2nd-Class Captain Gennady Esipov.

**B-471** "Magnitogorsk" — Project 877 diesel submarine. In the fleet since 1990. Commander 2nd-Class Captain Nurdin Membetaliev.

**B-800** "Kaluga" — Project 877LPMB diesel submarine. In the fleet since 1989. Commander 2nd-Class Captain Sergei Kolevatov. In repair.

**B-808** "Yaroslavl" — Project 877E diesel submarine. In the fleet since 1988. Commander 3rd-Class Captain Boris Vinogradov.

The 7th brigade of water region patrol ships (Polyarny)

The 270th guard division of small anti-submarine ships (Olenya inlet)

MPK-14 "Monchegorsk" — Project 1124M small anti-submarine ship. Board number 190, in the fleet since 1993. Guard commander 3rd-Class Captain Evgeny Dolotov. In repair.

MPK-59 "Snezhnogorsk" — Project 1124M small anti-submarine ship. Board number 196, in the fleet since 1994.

**MPK-194** "Brest" — Project 1124M small anti-submarine ship. Board number 199, in the fleet since 1988. In repair.

MPK-203 "Yunga" — Project 1124M small anti-submarine ship. Board number 113, in the fleet since 1989. Guard commander 3rd-Class Captain Mikhail Belyaev.

The 108th division of small missile ships (Polyarny) Commander 2nd-Class Captain Alexander Rakovsky.

"Iceberg" — Project 1234 small missile ship. Board number 512, in the fleet since 1979. Commander 3rd-Class Captain Andrei Kapranchikov.

"Nakat" — Project 12347 small missile ship. Board number 526, in the fleet since 1987.

"Rassvet" — Project 12341 small missile ship. Board number 520, in the fleet since 1988. Commander 3rd-Class Captain Viktor Govera.

The 5th brigade of trawlers (Polyarny)
Commander 1st-Class Captain Alexander Peshkov.

The 83th division of base type trawlers (Polyarny) Commander 3rd-Class Captain Dmitry Tsyganenko.

**BT-50** "Elnya" — Project 12650 base type trawler. Board number 454, in the fleet since 1986. Commander 3rd-Class Captain Andrei Kozyrev.

BT-97 "Polyarny" — Project 12650 base type trawler. Board number 402, in the fleet since 1984. Commander 3rd-Class Captain Sergei Zubkov.

**BT-111** "Avangard" — Project 12650 base type trawler. Board number 466, in the fleet since 1988.

**BT-152** "Kotelnich" — Project 12650 base type trawler. Board number 418, in the fleet since 1987. In repair.

BT-211 "Vyatchik" — Project 12650 base type trawler. Board number 469, in the fleet since 1991. Commander 3rd-Class Captain Alexei Fedorov.

**BT-226** "Kolomna" — Project 12650 base type trawler. Board number 426, in the fleet since 1990. Commander 3rd-Class Captain Alexei Prokoshin. In repair.

The 42th division of sea trawlers (Polyarny) Commander 2nd-Class Captain Viktor Cherman.

"Vladimir Gumanenko" — Project 12660 sea mine-sweeper. Board number 811, in the fleet since 2000. Commander Captain-Lieutenant Alexei Alexandrov.

"Komendor" — Project 266M sea mine-sweeper. Board number 808, in the fleet since 1974.

"Mashinist" — Project 266M sea mine-sweeper. Board number 855, in the fleet since 1975. Commander 3rd-Class Captain Alexei Sviridenko.

The 51th division of scout ships (Polyarny) The 81th brigade of supply vessels (Severomorsk) Commander 1st-Class Captain Sergei Baev. The 88th brigade of rescue vessels (Severomorsk) The 61th independent brigade of marines (Sputnik town) Acting commander Colonel Dmitry Varich. The 924th guard independent sea missile-carrying air regiment (Olenegorsk) Guard commander Colonel Nikolai Knyazev. The 279th independent naval fighter air regiment (Severomorsk-3). Commander Colonel Igor Matkovsky. The 830th independent naval anti-submarine helicopter regiment (Severomorsk-1) Commander Colonel Sergei Checherov. The 403th independent mixed air regiment (Severomorsk-1) Commander Colonel Sergei Dergunov. The 73th independent anti-submarine long-range air squadron (Kipelovo, Fedotovo) Commander Lieutenant Colonel Alexander Budkeev. The 536th independent missile-artillery coast brigade (Snezhnogorsk, Olenya inlet) Commander Colonel Andrei Dorofeev. The 215th independent regiment of radio-electric counteraction (Severomorsk) Belomorskaya naval base (Severodvinsk)

The 43th independent division of water region patrol ships (Severodvinsk)

Commander 2nd-Class Captain Vitaly Kulik.

Commander Vice-Admiral Oleg Tregubov.

MRK-7 "Onega" — Project 1124M small anti-submarine ship. Board number 164, in the fleet since 1991. Commander 3rd-Class Captain Viktor Chekalin.

MRK-130 "Naryan-Mar" — Project 1124M small anti-submarine ship. Board number 138, in the fleet since 1990. Commander 3rd-Class Captain Alexander Boichenko. In repair.

MT-434 — Project 1332 sea mine-sweeper. In the fleet since 1973. In repair.

The 339th independent brigade of submarines under construction and repair (Severodvinsk)

Commander 1st-Class Captain Nikolai Andreev.

The 16th brigade of ships under construction and repair (Severodvinsk)

Commander 1st-Class Captain Igor Golovchenko.

The 45th State Central Naval Polygon (Nenoxa)
Commander Rear-Admiral Vitaly Fedorin.

## **Battle Ships of the Russian Naval Fleet**

Battle Only of the Russian Ravai Fleet			
	Number*	Average age (years)	
1st-Class Ships			
Including:	69 (26)	19.7	
aircraft-carriers	1 (1)	18	
missile cruisers	6 (2)	20.5	
destroyers	8 (3)	18	
large anti-submarine ships	11 (3)	22.5	
nuclear submarines with ballistic missiles**	15 (5)	24.3	
nuclear submarines with cruise missiles	9 (5)	17.3	
nuclear torpedo submarines	12 (7)	16.1	
nuclear submarines special-purpose vessels	7	16.6	
2nd-Class Ships			
Including:	57 (16)	22.5	
patrol ships	7	25.1	
missile ships on air cushion	2 (1)	9.5	
large landing ships	21 (9)	26.2	
large nuclear submarines	8 (3)	19.1	
diesel submarines	19 (3)	20.1	
3rd-Class Ships			
Including:	112 (31)	20.4	
small anti-submarine ships	29 (14)	19.6	
small missile ships	13 (1)	21.2	
small artillery ships and boats	2	11	
small landing ships on air cushion	4 (1)	21.5	
missile boats	28 (6)	19.3	
trawlers	36 (9)	22	
Total	238 (73)	20.7	

<sup>\*</sup>In brackets is the number of ships and submarines that are in repair, reserve or conservation.
\*\*Taking into account "Dmitry Donskoi" submarine, re-equipped for test purposes.

## **Battle Ships of the Northern Fleet**

	Total*	Average age (years)
1st-Class Ships		
Including:	38 (14)	18.5
aircraft-carriers	1 (1)	18
missile cruisers	3 (1)	18
destroyers	2	16
large anti-submarine ships	5 (2)	19.2
nuclear submarines with ballistic missiles**	11 (5)	22.5
nuclear submarines with cruise missiles	3 (2)	17.7
nuclear torpedo submarines	6 (3)	14.3
nuclear submarines special-purpose vessels	7	16.6
2nd-Class Shins		

Including:	20 (7)	21.5
large landing ships	5 (3)	27.2
large nuclear submarines	8 (3)	19.1
diesel submarines	7 (1)	20
3rd-Class Ships		
Including:	19 (6)	21.3
small anti-submarine ships	6 (3)	17.2
small missile ships	3	23.3
trawlers	10 (3)	23.2
Total	77 (27)	20

<sup>\*</sup> In brackets is the number of ships and submarines that are in repair, reserve or conservation.

#### The Pacific Fleet

Commander Vice-Admiral Konstantin Sidenko. Chief of staff Vice-Admiral Alexander Tolstyh.

The Primorsk Flotilla of Diverse Forces (Fokino)
Commander Rear-Admiral Sergei Avakyants.

The 36th division of surface ships (Fokino) Commander Rear-Admiral Alexander Nosatov.

"Varyag" — Project 11641 guard missile cruiser. Board number 011, in the fleet since 1989. Guard commander 1st-Class Captain Eduard Moskalenko.

"Admiral Lazarev" — Project 11442 heavy nuclear missile cruiser. Board number 015, in the fleet since 1984. Commander 1st-Class Captain Andrei Granin. In conservation.

"Fearless" — Project 956 destroyer. Board number 754, in the fleet since 1990. Commander 1st-Class Captain Roman Mashek. In repair.

"Boevoi" — Project 956 destroyer. Board number 720, in the fleet since 1986. Commander 1st-Class Captain Vadim Glushchenko. In conservation.

"Burniy" — Project 956 destroyer. Board number 778, in the fleet since 1988. Commander 1st-Class Captain Alexei Imanov. In repair.

"Bystriy" — Project 956 destroyer. Board number 715, in the fleet since 1989. Commander 1st-Class Captain Andrei Saprykin.

The 44th brigade of anti-submarine ships (Vladivostok)
Commander 1st-Class Captain Andrei Nelidin.

"Admiral Vinogradov" — Project 1155 large anti-submarine ship. Board number 572, in the fleet since 1988. Commander 1st-Class Captain Petr Podkopailo.

"Admiral Panteleyev" — Project 1155 large anti-submarine ship. Board number 548, in the fleet since 1991. Commander 2nd-Class Captain Ivan Kovalev.

"Admiral Tributs" — Project 1155 large anti-submarine ship. Board number 564, in the fleet since 1986. Commander 2nd-Class Captain Sergei Sobokar.

"Marshall Shaposhnikov" — Project 1155 large anti-submarine ship. Board number 543, in the fleet since 1985. Commander 1st-Class Captain Anatoly Vislov.

The 100th brigade of landing ships (Fokino) Commander 1st-Class Captain Alexander Kuzminets.

**BDK-11** "Peresvet" — Project 775M large landing ship. Board number 077, in the fleet since 1991. Commander 2nd-Class Captain Andrei Ognev. In repair.

**BDK-98** — Project 775 large landing ship. Board number 055, in the fleet since 1982. Commander 2nd-Class Captain Igor Akulov. In repair.

**BDK-101** "Oslyabya" — Project 775 large landing ship. Board number 066, in the fleet since 1981. Commander 3rd-Class Captain Sergei Komolov.

"Nikolai Vilkov" — Project 1171 large landing ship. Board number 081, in the fleet since 1974. Commander 3rd-Class Captain Alexander Kim. In repair.

"Alexander Nikolaev" — Project 1174 large landing ship. In the fleet since 1982. In

<sup>\*\*</sup> Taking into account "Dmitry Donskoi" submarine, re-equipped for test purposes.

conservation.

The 19th brigade of submarines (Small Ulysses)
Temporary acting commander 2nd-Class Captain Alexander Sautin.

- B-187 Project 877 diesel submarine. In the fleet since 1991. In repair.
- **B-190** "Krasnokamensk" Project 877 diesel submarine. In the fleet since 1992. Commander 2nd-Class Captain Sergei Волков.
- **B-260** "Chita" Project 877 diesel submarine. In the fleet since 1981. Commander 2nd-Class Captain Andrei Dergousov.
- **B-345** Project 877 diesel submarine. In the fleet since 1994. Commander 2nd-Class Captain Alexander Bardovsky.

The 165th brigade of surface ships (Ulysses bay) Commander 2nd-Class Captain Igor Osipov.

The 2nd and the 25th guard divisions of missile boats

- R-11 Project 12411 missile boat. Board number 940, in the fleet since 1991. In repair.
- R-14 Project 12411 missile boat. Board number 924, in the fleet since 1991. In repair.
- R-18 Project 12411M missile boat. Board number 937, in the fleet since 1992.
- R-19 Project 12411M missile boat. Board number 978, in the fleet since 1992.
- R-20 Project 12411M missile boat. Board number 921, in the fleet since 1993. Guard commander 3rd-Class Captain Ilya Strakhov.
- R-24 Project 12411M missile boat. Board number 946, in the fleet since 1994.
- R-29 Project 12411M missile boat. Board number 916, in the fleet since 2003. Guard commander 3rd-Class Captain Alexander Sidun.
- R-79 Project 1241T missile boat. Board number 995, in the fleet since 1984. Guard commander Captain-Lieutenant Valery Popov.
- R-261 Project 12411 missile boat. Board number 991, in the fleet since 1988. In repair.
- R-297 Project 12411 missile boat. Board number 951, in the fleet since 1990. In repair.
- R-298 Project 12411 missile boat. Board number 971, in the fleet since 1990.

The 11th division of water region patrol ships

- **MPK-17** Project 1124M small anti-submarine ship. Board number 362, in the fleet since 1991. Commander 3rd-Class Captain Maxim Kuligin. In repair.
- MPK-64 "Metel" Project 1124M small anti-submarine ship. Board number 323, in the fleet since 1990. Commander 3rd-Class Captain Sergei Pankov. In repair.
- $\mbox{MPK-221}$  Project 1124M small anti-submarine ship. Board number 354, in the fleet since 1987. Commander 3rd-Class Captain Andrei Lebedev.
- MPK-222 "Koreets" Project 1124M small anti-submarine ship. Board number 390, in the fleet since 1989. In repair.
- BT-114 Project 12650 base type trawler. Board number 542, in the fleet since 1987. Commander Captain-Lieutenant Nikolai Kornilov.
- BT-232 Project 12650 base type trawler. Board number 525, in the fleet since 1988.
- BT-245 Project 12650 base type trawler. Board number 553, in the fleet since 1989.
- BT-256 Project 12650 base type trawler. Board number 560, in the fleet since 1991.

The 31st brigade of supply vessels (Vladivostok) Commander 1st-Class Captain Igor Seliverstov.
The 34th brigade of rescue vessels (Vladivostok)

The 72nd brigade of su	bmarines under construction and repair (Bolshoi Kamen) Commander 1st-Class Captain Sergei Zakharchenko.
_	Division of scout ships (Vladivostok)
_	The 55th division of marines (Vladivostok) Commander Major-General Sergei Pushkin.
	The 165th regiment of marines (Vladivostok) Commander Lieutenant Colonel Oleg Katsan.
	The 390th regiment of marines (Slavyanka)
	The 921st artillery regiment
_	The 923rd anti-aircraft missile regiment
The	568th independent mixed air regiment (Kamenny Ruchei)  Commander Colonel Vladimir Pushkarev.
The 289th inde	ependent mixed anti-submarine air regiment (Nikolaevka) Commander Colonel Vitaly Vlasenko
-	The 71st independent transport air squadron (Knevichi) Commander Lieutenant Colonel Alexander Kozak
_	The 72nd independent coast missile regiment Commander Lieutenant Colonel Sergei Pavlov.
The 217th indepe	ndent regiment of radio-electric counteraction (Shkotovo)
	Sovgavansky naval region Commander 1st-Class Captain Sergei Alekminsky.
	The 38th division of water region patrol ships (Soviet Harbor) Commander 2nd-Class Captain Kirill Taranenko.
	iject 1124M small anti-submarine ship. Board number 350, in Captain-Lieutenant Alexei Denisov. In repair.
MPK-191 "Kholmsk" — Project 1 since 1985. Commander 3rd-Class	124 small anti-submarine ship. Board number 369, in the fleets Captain Alexei levlev.
BT-100 — Project 12650 base type	e trawler. Board number 565, in the fleet since 1984.
BT-215 — Project 12650 base type	e trawler. Board number 593, in the fleet since 1991.
_	Grouping of Troops and Forces in the North-East Commander Rear-Admiral Alexander Vitko.
_	The 16th squadron submarines (Vilyuchinsk)
	The 10th division of submarines (Krasheninnikov bay) Commander Rear-Admiral Vladimir Grishechkin.
K 132 "Irkutek" Project 0404	nuclear submaring with cruice missiles. In the fleet since

 $\mbox{K-132 "Irkutsk"}$  — Project 949A nuclear submarine with cruise missiles. In the fleet since 1988. Commander 1st-Class Captain Vyacheslav Tsitkin. In repair.

K-150 "Tomsk" — Project 949A nuclear submarine with cruise missiles. In the fleet since 1996. Commander 1st-Class Captain Andrei Ekimenko.

K-173 "Krasnoyarsk" — Project 949A nuclear submarine with cruise missiles. In the fleet since 1986. Commander 1st-Class Captain Yuri Savin. B conservation.

**K-186 "Omsk"** — Project 949A nuclear submarine with cruise missiles. In the fleet since 1993. Commander 1st-Class Captain Vladimir Dmitriev.

**K-442 "Chelyabinsk"** — Project 949A nuclear submarine with cruise missiles. In the fleet since 1990. Commander 1st-Class Captain Vladimir Kuashev.

**K-456** "Vilyuchinsk" — Project 949A nuclear submarine with cruise missiles. In the fleet since 1992. Commander 1st-Class Captain Leonid Moldovanov. In repair.

**K-263** "Barnaul" — Project 971 nuclear submarine. In the fleet since 1987. Commander 1st-Class Captain Oleg Mikhalevsky. In repair.

**K-295** "Samara" — Project 971 guard nuclear submarine. In the fleet since 1995. Guard commander 1st-Class Captain Roman Shchury.

K-322 "Kashalot" — Project 971 nuclear submarine. In the fleet since 1988. In repair.

**K-331** "Magadan" — Project 971 nuclear submarine. In the fleet since 1990. Commander 1st-Class Captain Oleg Gagkaev.

**K-391** "Bratsk" — Project 971 nuclear submarine. In the fleet since 1989. Commander 2nd-Class Captain Sergei Treguba. In repair.

**K-419** "**Kuzbass**" — Project 971 nuclear submarine. In the fleet since 1992. Commander 1st-Class Captain Dmitry Barkovsky. In repair.

The 25th division of submarines (Krasheninnikov bay)
Commander Rear-Admiral Sergei Rekish.

**K-211** "Petropavlovsk-Kamchatsky" — Project 667BDR nuclear submarine with ballistic missiles. In the fleet since 1979. Commander 1st-Class Captain Valery Kravchenko.

**K-223** "Podolsk" — Project 667BDR nuclear submarine with ballistic missiles. In the fleet since 1979. Commander 1st-Class Captain Andrei Khaidukov.

**K-433** "St Georgy Pobedonosets" — Project 667BDR nuclear submarine with ballistic missiles. In the fleet since 1980. Commander 1st-Class Captain Ramil Badrtdinov.

**K-506** "Zelenograd" — Project 667BDR nuclear submarine with ballistic missiles. In the fleet since 1978. Commander 1st-Class Captain Alexei Kravchenko.

The 182nd brigade of submarines (Ilyichev bay)
Commander 1st-Class Captain Vadim Povorov.

B-394 — Project 877 diesel submarine. In the fleet since 1988.

B-445 — Project 877 diesel submarine. In the fleet since 1988.

 $\mbox{\bf B-464}$  "Ust-Kamchatsk" — Project 877 diesel submarine. In the fleet since 1990. Commander 2nd-Class Captain Alexander Butnik.

**B-494** "Ust-Bolsheretsk" — Project 877 diesel submarine. In the fleet since 1990. Commander 1st-Class Captain Magaran Adigyuzelov.

The 114th brigade of water region patrol ships (Zavoiko) Commander 1st-Class Captain Igor Sadov.

The 117th division of water region patrol ships Commander 2nd-Class Captain Vasily Opryshko.

MPK-82 — Project 1124M small anti-submarine ship. Board number 375, in the fleet since 1991. Commander 3rd-Class Captain Kirill Steglik.

**MPK-107** — Project 1124M small anti-submarine ship. Board number 332, in the fleet since 1990. Commander 3rd-Class Captain Sergei Bor.

MT-264 — Project 266ME sea mine-sweeper. Board number 738, in the fleet since 1989. Commander 3rd-Class Captain Dmitry Lidenkho.

**MT-265** — Project 266ME sea mine-sweeper. Board number 718, in the fleet since 1989. Commander Captain-Lieutenant Vyacheslav Grishaev.

BT-325 — Project 12650 base type trawler. Board number 586, in the fleet since 1974. Commander 3rd-Class Captain Evgeny Dolgopyatny. In repair.

The 66th division of small missile ships Commander 2nd-Class Captain Evgeny Kravchenko.

"Inei" — Project 12341 small missile ship. Board number 418, in the fleet since 1986. Commander 3rd-Class Captain Valery Lepetukhin.

"Moroz" — Project 12341 small missile ship. Board number 409, in the fleet since 1989. Commander 3rd-Class Captain Andrei Tikhomirov.

"Razliv" — Project 12341 small missile ship. Board number 450, in the fleet since 1991. Commander 3rd-Class Captain Alexander Kolomeets.

**"Smerch"** — Project 12341 small missile ship. Board number 423, in the fleet since 1985. Commander 3rd-Class Captain Denis Kaftanchikov. In repair.

The 84th brigade of supply vessels Commander 1st-Class Captain Oleg Tretyakov.

The 438th independent division of rescue vessels Commander 2nd-Class Captain Boris Doroganov.

> The 40th independent brigade of marines Commander Colonel Valery Zhila.

The 865th independent fighter air regiment (Elizovo) Commander Colonel Alexander Konistyapin.

The 317th independent mixed air regiment (Elizovo)

Commander Colonel Yuri Ivashchenko.

The 520th independent coast missile-artillery brigade (Anglichanka town)

Commander Colonel Oleg Budanov.

The 216th independent regiment of radio-electric counteraction (Anglichanka town)

Commander 1st-Class Captain Gennady Azhmedenov.

## The Pacific Fleet's Battle Ships

	Number*	Average age (years)
1st-Class Ships		
Including:	26 (11)	20.4
missile cruisers	2 (1)	21.5
destroyers	4 (3)	19.8
large anti-submarine ships	4	20.5
nuclear submarines with ballistic missiles	4	29
nuclear submarines with cruise missiles	6 (3)	17.2
nuclear torpedo submarines	6 (4)	17.8
2nd-Class Ships		
Including:	13 (5)	21.5
large landing ships	5 (4)	26
diesel submarines	8 (1)	18.8
3rd-Class Ships		
Including:	32 (10)	18.8
small anti-submarine ships	8 (4)	18.9
small missile ships	4 (1)	20.3
missile boats	11 (4)	16.4
trawlers	9 (1)	21.1

Total

71 (26) 19.9

\* In brackets is the number of ships and submarines that are in repair, reserve or conservation.

The Baltic Fleet
Commander Vice-Admiral Viktor Mardusin.
Chief of staff Vice-Admiral Viktor Chirkov.

The 12th division of surface ships (Baltiysk) Commander 1st-Class Captain Evgeny Aleshin.

The 128th brigade of surface ships (Baltiysk) Commander 1st-Class Captain Oleg Gurinov.

"Bespokoiny" — Project 956A destroyer. Board number 620, in the fleet since 1991. Commander 1st-Class Captain Vladimir Tryapichnikov.

"Nastoichivy" — Project 956A destroyer. Board number 610, in the fleet since 1992. Commander 2nd-Class Captain Oleg Grishan.

"Neustrashimy" — Project 11540 patrol ship. Board number 712, in the fleet since 1993. Commander 2nd-Class Captain Alexei Apanovich.

"Neukrotimy" — Project 1135M patrol ship. Board number 731, in the fleet since 1977. Commander 2nd-Class Captain Sergei Malkov.

"Pylky" — Project 11352 patrol ship. Board number 702, in the fleet since 1978. Commander 2nd-Class Captain Oleg Gusev.

The 71st brigade of landing ships (Baltiysk) Commander 1st-Class Captain Oleg Bystrov.

BDK-43 "Minsk" — Project 775 large landing ship. Board number 127, in the fleet since 1983. Commander 3rd-Class Captain Alexander Morgen.

BDK-58 "Kaliningrad" — Project 775 large landing ship. Board number 102, in the fleet since 1984. Commander 3rd-Class Captain Mikhail Kushnerev. In repair.

BDK-61 "Korolev" — Project 775M large landing ship. Board number 130, in the fleet since 1992. Commander 2nd-Class Captain Igor Khabun.

BDK-100 "Alexander Shabalin" — Project 775 large landing ship. Board number 110, in the fleet since 1986.

The 7th division of landing ships (Baltiysk) Commander 2nd-Class Captain German Evgrafov.

MDK-50 "Evgeny Kocheshkov" — Project 12322 small landing ship on air cushion. Board number 770, in the fleet since 1991. Commander 3rd-Class Captain Sergei Ivanov.

MDK-94 "Mordovia" — Project 12322 small landing ship on air cushion. Board number 782, in the fleet since 1991. Commander Captain-Lieutenant Alexei Guskov. In repair.

The Baltic naval base Commander Rear-Admiral Leonid Nistryan.

The 36th brigade of missile boats (Baltiysk) Commander 1st-Class Captain Viktor Ivanov.

The 1st guard division of missile boats Guard commander 2nd-Class Captain Oleg Tikhonovich.

 $R\mbox{-}2$  — Project 12411M missile boat. Board number 870, in the fleet since 1999. Guard commander Captain-Lieutenant Alexander Alexandrov.

R-47 — Project 12411 missile boat. Board number 819, in the fleet since 1987.

R-129 — Project 12411 missile boat. Board number 852, in the fleet since 1985.

R-187 — Project 12411 missile boat. Board number 855, in the fleet since 1989.

 $\mbox{R-257} - \mbox{Project 12411}$  missile boat. Board number 833, in the fleet since 1986.

R-291 "Dimitrovgrad" — Project 12411 missile boat. Board number 825, in the fleet since 1991. Guard commander 2nd-Class Captain Leonid Mylnikov.

R-293 "Morshansk" — Project 12411 missile boat. Board number 874, in the fleet since 1992. Guard commander Captain-Lieutenant Pavel Chuev.

The 106th division of small missile ships Commander 3rd-Class Captain Alexei Kartashov.

"Geyser" — Project 12341 small missile ship. Board number 555, in the fleet since 1989. Commander 3rd-Class Captain Andrei Linenko.

"Zyb" — Project 12341 small missile ship. Board number 560, in the fleet since 1989. Commander 3rd-Class Captain Andrei Kryltsov.

"Liven" — Project 12341 small missile ship. Board number 551, in the fleet since 1991.

"Passat" — Project 12341 small missile ship. Board number 570, in the fleet since 1990. Commander 3rd-Class Captain Vyacheslav Pyreskin.

The 64th brigade of water region patrol ships (Baltiysk)
Commander 1st-Class Captain Sergei Volkov.

The 264th division of anti-submarine ships

MPK-105 — Project 1331M small anti-submarine ship. Board number 245, in the fleet since 1988. Commander 3rd-Class Captain Igor Mikhalyuk. In repair.

MPK-224 "Alexin" — Project 1331M small anti-submarine ship. Board number 218, in the fleet since 1989. Commander 3rd-Class Captain Sergei Lukin.

MPK-227 — Project 1331M small anti-submarine ship. Board number 243, in the fleet since 1989. Commander 3rd-Class Captain Ruslan Yamaletdinov. In repair.

MPK-228 "Bashkortostan" — Project 1331M small anti-submarine ship. Board number 244, in the fleet since 1989. Commander Captain-Lieutenant Vadim Bukhamisty. In repair.

MPK-229 "Kalmykia" — Project 1331M small anti-submarine ship. Board number 232, in the fleet since 1990. Commander 3rd-Class Captain Vitaly Kondratiev.

The 323rd division of trawlers Commander 2nd-Class Captain Alexander Gaponenko.

"Alexei Lebedev" — Project 12650 base type trawler. Board number 505, in the fleet since 1989.

BT-212 — Project 12650E base type trawler. Board number 501, in the fleet since 1991. Commander Senior Lieutenant Roman Kurochkin. In repair.

BT-213 "Sergei Kolbasiev" — Project 12650 base type trawler. Board number 522, in the fleet since 1992. Commander Captain-Lieutenant Andrei Ivanov.

BT-230 — Project 12650 base type trawler. Board number 510, in the fleet since 1990. Commander Captain-Lieutenant Andrei Sergeenko.

The 54th brigade of rescue vessels (Baltiysk)
Commander 1st-Class Captain Alexander Ivanovsky.

The 72nd division of scout ships (Baltiysk)
Commander 2nd-Class Captain A. Kovalev.

Division of supply vessels (Baltiysk)
Commander 2nd-Class Captain Mikhail Kletskov.

Division of auxiliary vessels (Baltiysk)

The 336th independent guard brigade of marines
Guard commander Colonel Oleg Darjapov.

The 689th guard fighter air regiment (Chkalovsk) Guard commander Colonel Vladimir Talabirchuk.
The 4th guard independent naval storm air regiment (Chernyakhovsk) Guard commander Colonel Andrei Naumov.
The 125th independent helicopter squadron (Chkalovsk) Commander Lieutenant Colonel Sergei Kunin.
The 396th independent naval anti-submarine helicopter squadron (Donskoe)  Commander Lieutenant Colonel Alexander Petrov.
The 398th independent transport air squadron (Khrabrovo) Commander Colonel N. Dubrovsky.
The 25th independent coast missile regiment (Donskoi)
The 214th regiment of radio-electronic counteraction (Kaliningrad)
The 218th independent regiment of radio-electronic counteraction (Yantarny town)
The 302nd regiment of radio-electronic counteraction (Gvardeisk)
The Leningrad naval base (Kronshtadt)

Commander Rear-Admiral Anatoly Lipinsky.

The 105th brigade of water region patrol ships (Kronshtadt) Commander 1st-Class Captain Sergei Pinchuk.

> The 109th division of small anti-submarine ships Commander 2nd-Class Captain Maxim Kirpichnikov.

MPK-99 "Zelenodolsk" — Project 1331M small anti-submarine ship. Board number 308, in the fleet since 1987. Commander 3rd-Class Captain Evgeny Tishkevich. In repair.

 $\ensuremath{\mathsf{MPK}}\textsc{-192}$  — Project 1331M small anti-submarine ship. Board number 304, in the fleet since 1986. Commander Captain-Lieutenant Evgeny Kuznetsov.

MPK-205 "Kazanets" — Project 1331M small anti-submarine ship. Board number 311, in the fleet since 1987.

> The 22nd division of trawlers Commander 2nd-Class Captain Mikhail Akhakhlin.

BT-44 — Project 12650 base type trawler. Board number 563, in the fleet since 1985.

 $\,$  BT-115 — Project 12650 base type trawler. Board number 561, in the fleet since 1994. Commander Captain-Lieutenant Vladimir Remezov.

The 123rd independent division of submarines (Kronshtadt) Commander 1st-Class Captain Igor Martemianov.

B-227 — Project 877 diesel submarine. In the fleet since 1983. Commander 2nd-Class Captain Igor Abitov.

 $\ensuremath{\mathsf{B-806}}\xspace$  — Project 877EKM diesel submarine. In the fleet since 1986. Commander 3rd-Class Captain Vitaly Chikin.

The 13th brigade of ships under construction and repair (Kronshtadt)

The 32nd independent division of supply vessels (Priozersk)

Commander 1st-Class Captain Vladimir Karmanov.

## **Battle Ships of the Baltic Fleet**

	Number*	Average age (years)
1st-Class Ships		
Including:	2	16.5
destroyers	2	16.5
2nd-Class Ships		
Including:	9 (1)	23.3
patrol ships	3	25.3
large landing ships	4 (1)	21.8
diesel submarines	2	23.5
3rd-Class Ships		
Including:	27 (6)	18.5
small anti-submarine ships	8 (4)	19.9
small missile ships	4	18.3
small landing ships on air cushion	2 (1)	17
missile boats	7	18.1
trawlers	6 (1)	17.8
Total	38 (7)	19.6

<sup>\*</sup> In brackets is the number of ships and submarines that are in repair, reserve or conservation.

The Black Sea Fleet Commander Vice-Admiral Alexander Kletskov. Chief of staff Vice-Admiral Alexander Trojan.

The 30th division of surface ships (Sevastopol)
Commander Rear-Admiral Oleg Garamov.

The 11th brigade of anti-submarine ships (Sevastopol)

Commander 1st-Class Captain Oleg Krivorog.

"Moskva"— Project 1164 guard missile cruiser. Board number 121, in the fleet since 1982. Guard commander 1st-Class Captain Igor Smolyak.

"Kerch" — Project 1134B large anti-submarine ship. Board number 713, in the fleet since 1974. Commander 1st-Class Captain Oleg Peshkurov.

"Ochakov" — Project 1134B large anti-submarine ship. Board number 707, in the fleet since 1973. Commander 1st-Class Captain Evgeny Shevchenko. In repair.

"Smetlivy" — Project 01090 patrol ship. Board number 810, in the fleet since 1969. Commander 2nd-Class Captain Konstantin Alexeev.

"Ladny" — Project 1135 patrol ship. Board number 801, in the fleet since 1980. Commander 2nd-Class Captain Alexander Shvarts.

"Pytlivy" — Project 1135M patrol ship. Board number 808, in the fleet since 1981. Commander 2nd-Class Captain Vitaly Vasilenko.

The 197th brigade of landing ships (Sevastopol) Commander 1st-Class Captain Evgeny Krylov.

"Nikolai Filchenkov" — Project 1171 large landing ship. Board number 152, in the fleet since 1975. Commander 3rd-Class Captain Evgeny Myasoedov.

BDK-65 "Saratov" — Project 1171 large landing ship. Board number 150, in the fleet since 1966. Commander 2nd-Class Captain Oleg Pochinov.

BDK-69 "Orsk" — Project 1171 large landing ship. Board number 148, in the fleet since 1968. Commander 2nd-Class Captain Vadim Bolsun. In repair.

BDK-46 "Novocherkassk" — Project 775 large landing ship. Board number 142, in the fleet since 1987. Commander 2nd-Class Captain Sergei Zvyagin.

BDK-54 "Azov" — Project 775M guard large landing ship. Board number 151, in the fleet since 1990. Guard commander 2nd-Class Captain Dmitry Khudoba.

BDK-64 "Tsezar Kunikov" — Project 775 large landing ship. Board number 158, in the fleet since 1984. Commander 2nd-Class Captain Sergei Larchuk.

BDK-67 "Yamal" — Project 775 large landing ship. Board number 156, in the fleet since 1988. Commander 2nd-Class Captain Alexander Kononenko.

The 41st brigade of missile boats (Sevastopol) Commander 1st-Class Captain Yuri Zemskoi.

The 166th division of small missile ships (Novorossiysk)
Commander 2nd-Class Captain Alexei Lisenkov.

"Bora" — Project 1239 missile ship on air cushion. Board number 615, in the fleet since 1997. Commander 1st-Class Captain Nikolai Goncharov.

"Samum" — Project 1239 missile ship on air cushion. Board number 616, in the fleet since 2000. Commander 3rd-Class Captain Dmitry Dyskin. In repair.

"Mirazh" — Project 12341 small missile ship. Board number 617, in the fleet since 1986. Commander 3rd-Class Captain Ivan Dubik.

"Shtil" — Project 12341 small missile ship. Board number 620, in the fleet since 1978. Commander 3rd-Class Captain Valery Trankovsky.

The 295th division of missile boats (Sevastopol) Commander 2nd-Class Captain Dmitry Kuzmenko.

R-44 — Project 2066 missile boat. Board number 966, in the fleet since 1978. Commander 3rd-Class Captain Gennady Krasnoperov.

R-60 — Project 12411 missile boat. Board number 955, in the fleet since 1987. Commander 3rd-Class Captain Vadim Lopatko.

 $R\mbox{-}71$  — Project 12417 missile boat. Board number 962, in the fleet since 1985. Commander 3rd-Class Captain Yuri Kravets.

R-109— Project 12411 missile boat. Board number 952, in the fleet since 1990. Commander 3rd-Class Captain Igor Vorobiev.

R-239 — Project 12411 missile boat. Board number 953, in the fleet since 1989. Commander Captain-Lieutenant Sergei Shevchenko. In repair.

R-334 "Ivanovets" — Project 12411M missile boat. Board number 954, in the fleet since 1989. Commander 3rd-Class Captain Sergei Kipor.

The 247th independent division of submarines (Sevastopol)

Commander 1st-Class Captain Anatoly Varochkin.

B-871 "Alrosa" — Project 877V diesel submarine. In the fleet since 1990. Commander 2nd-Class Captain Dmitry Paramonov.

B-380 — Project 641B diesel submarine. In the fleet since 1982. Commander 2nd-Class Captain Konstantin Tabachny. In repair.

The 68th brigade of water region patrol ships (Sevastopol)

Commander 1st-Class Captain Valery Zubkov.

The 400th division of anti-submarine ships (Sevastopol) Commander 2nd-Class Captain Roman Meipariani.

MPK-49 "Alexandrovets" — Project 1124 small anti-submarine ship. Board number 059, in the fleet since 1982. Commander Captain-Lieutenant Alexei Melenteev.

MPK-118 "Suzdalets" — Project 1124M small anti-submarine ship. Board number 071, in the fleet since 1983. Commander 3rd-Class Captain Vadim Djanunts.

MPK-134 "Muromets" — Project 1124M small anti-submarine ship. Board number 064, in the fleet since 1982. Commander 3rd-Class Captain Andrei Mikheev.

MPK-220 "Vladimirets" — Project 11451 small anti-submarine ship. Board number 060, in the fleet since 1990. Commander 3rd-Class Captain Denis Bergs. In repair.

The 418th division of trawlers (Sevastopol) Commander 2nd-Class Captain Alexei Kashlak. "Ivan Golubets" — Project 266M sea mine-sweeper. Board number 911, in the fleet since 1973. Commander 3rd-Class Captain Alexei Petrachkov.

"Vice-Admiral Zhukov" — Project 266M sea mine-sweeper. Board number 909, in the fleet since 1978. Commander 3rd-Class Captain Igor Evdochenko.

"Turbinist" — Project 266M sea mine-sweeper. Board number 912, in the fleet since 1972. Commander 3rd-Class Captain Dmitry Chizhik. In repair.

"Kovrovets" — Project 266M sea mine-sweeper. Board number 913, in the fleet since 1974. Commander 3rd-Class Captain Alexander Alkhovik. In repair.

The 519th independent division of scout ships (Sevastopol)

The 9th brigade of sea supply vessels (Sevastopol)
Commander 1st-Class Captain Stanislav Stepanov.

The 37th brigade of rescue vessels (Sevastopol)
Commander 1st-Class Captain Damir Shaihutdinov.

The 810th independent regiment of marines (Sevastopol)
Commander Colonel Eduard Zhivaev.

The 43rd independent naval storm air regiment (Gvardeiskoe)
Commander Colonel Mikhail Bagaev.

The 25th independent naval anti-submarine helicopter regiment (Kacha)
Commander Colonel Vladimir Kim.

Novorossiysk naval base Commander Vice-Admiral Sergei Menyailo.

Commander Colonel Yuri Bondarev.

The 917th independent mixed air regiment (Kacha)

The 184th brigade of water region patrol ships (Novorossiysk)

Commander 1st-Class Captain Andrei Zabroda.

The 219th independent regiment of radio-electric counteraction (Otradnoe)

The 181st division of small anti-submarine ships (Novorossiysk)

MPK-199 "Kasimov" — Project 1124M small anti-submarine ship. Board number 055, in the fleet since 1986. Commander 3rd-Class Captain Dmitry Karpenko.

MPK-207 "Povorino" — Project 1124M small anti-submarine ship. Board number 053, in the fleet since 1989. Commander 3rd-Class Captain Alexander Klepanchuk. In repair.

MPK-217 "Eisk" — Project 1124M small anti-submarine ship. Board number 054, in the fleet since 1989. Commander 3rd-Class Captain Maxim Litkovets. In repair.

The 170th division of trawlers (Novorossiysk) Commander 2nd-Class Captain Sergei Mishanov.

BT-40 "Lieutenant Ilyin" — Project 12650 base type trawler. Board number 438, in the fleet since 1982. Commander Captain-Lieutenant Vadim Smirnov. In repair.

BT-241 "Mineralnye Vody" — Project 12650 base type trawler. Board number 426, in the fleet since 1990.

"Zheleznyakov" — Project 12660 sea mine-sweeper. Board number 901, in the fleet since 1988. Commander 3rd-Class Captain Vsevolod Bobrikov. In repair.

"Valentin Pikul" — Project 266ME sea mine-sweeper. Board number 770, in the fleet since 2001. Commander 3rd-Class Captain Alexander Boiko.

The 97th independent division of surface ships (Temryuk)

The 382th independent battalion of marines (Temryuk)

Commander Lieutenant Colonel Oleg Kovalev.

The 11th coast missile-artillery brigade (Anapa)
Commander Colonel Vitaly Shevchenko.

### Battle Ships of the Black Sea Fleet

·	Number*	Average age (years)
1st-Class Ships		
Including:	3 (1)	31.7
missile cruisers	1	26
large anti-submarine ships	2 (1)	34.5
2nd-Class Ships		
Including:	14 (3)	25.4
patrol ships	3	31.3
missile ships on air cushion	2 (1)	9.5
large landing ships	7 (1)	28.3
diesel submarines	2 (1)	22
3rd-Class Ships		
Including:	23 (8)	23.6
small anti-submarine ships	7 (3)	22.1
small missile ships	2	26
missile boats	6 (1)	21.7
trawlers	8 (4)	25.8
Total	40 (12)	24.8

<sup>\*</sup> In brackets is the number of ships and submarines that are in repair, reserve or conservation.

The Caspian Flotilla Commander Rear-Admiral Viktor Kravchuk. Chief of staff 1st-Class Captain Yuri Lapshin.

The 106th brigade of water region patrol ships (Kaspiysk)

Commander 1st-Class Captain Artur Bokoev.

The 327th guard division of surface ships (Kaspiysk) Guard commander 2nd-Class Captain Alexander Simonov.

"Tatarstan" — Project 11661K missile ship. Board number 691, in the fleet since 2002. Commander 2nd-Class Captain Valery Smirnov.

MAK-160 — Project 12411T small artillery boat. Board number 054, in the fleet since 1988. Commander Captain-Lieutenant Dmitry Tverdokhlebov.

BT-116 "Magomed Gadjiev" — Project 12650 base type trawler. Board number 564, in the fleet since 1993. Commander Captain-Lieutenant Nikolai Sivonen.

The 242nd division of landing ships (Kaspiysk)
Commander 1st-Class Captain Oleg Malkin.

MDK-18 — Project 12321 small landing ship on air cushion. Board number 608, in the fleet since 1983.

MDK-88 — Project 12321 small landing ship on air cushion. Board number 609, in the fleet since 1981.

The 73rd brigade of water region patrol ships (Zolotoi Zaton)

Commander 1st-Class Captain Gennady Nikolaevich.

The 249th division of missile boats (Zolotoi Zaton) Commander 2nd-Class Captain Vyacheslav Lelik.

"Astrakhan" — Project 21630 small artillery ship. Board number 012, in the fleet since 2006. Commander 3rd-Class Captain Sergei Barsky.

R-101 "Stupinets" — Project 12411T missile boat. Board number 705, in the fleet since 1985. Commander 3rd-Class Captain Andrei Gunkin.

R-25 "Borovsk" — Project 206MR missile boat. Board number 701, in the fleet since 1983. Commander Captain-Lieutenant Vasily Vodnev.

R-30 "Budennovsk" — Project 206MR missile boat. Board number 702, in the fleet since 1983. Commander Senior Lieutenant Vladimir Cherokov.

R-50 "Karachaevo-Cherkesia" — Project 206MR missile boat. Board number 758, in the fleet since 1978. Commander Captain-Lieutenant Vusal Miriev. In repair.

The 198th division of trawlers (Nikolo-Komarovka)

Commander Alexander Simonov.

BT-88 "Yusup Akaev" — Project 12650 base type trawler. Board number 500, in the fleet since 1987.

BT-244 "German Ugryumov" — Project 12650 base type trawler. Board number 531, in the fleet since 1988. Commander Captain-Lieutenant Dmitry Gavrilyuk.

Division of supply vessels

Division of rescue vessels

Commander 2nd-Class Captain Vitaly Shirshov.

The 77th independent guard brigade of marines (Kaspiysk)
Commander Colonel Alexander Rytikov.

The 847th independent coast missile division (Astrakhan)

Average age (years)

# Battle Ships of the Caspian Flotilla

	Number	Average age (years
2nd-Class Ships		
Including:	1	6
missile ships	1	6
3rd-Class Ships		
Including:	11 (1)	21.2
small artillery ships и boats	2	11
small landing ships on air cushion	2	26
missile boats	4 (1)	25.8
trawlers	3	18.7
Total	12 (1)	19.9

<sup>\*</sup>In brackets is the number of ships and submarines that are in repair, reserve or conservation.

The authors would be grateful for any corrections, which can be sent by email to: lukin@kommersant.ru. (no classified information please).

All the Article in Russian as of Feb. 25, 2008

## See Also

Easy Victory in Iraq Is a Trap, Russia's ... // News (Mar. 20, 2008)
A Strange Outcome to a Strange War // Opinion (Mar. 20, 2008)

Duty in Defeat // Documents (Mar. 20, 2008)

Russia Claims Payment for Kalashnikov ... // News (Mar. 19, 2008) U.S. Proposals Reached Russia's Diplomats ... // News (Mar. 19, 2008)

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