



# **NAVAL SHIPS**

**Kirill Petrov**

**Vadim Selyutin**

**TV369**

# TYPES OF NAVAL SHIPS





Aircraft carriers



Cruisers



Destroyers



Frigates



Corvettes



Large Patrol vessels



Minor surface combatants



Mine warfare vessels



Amphibious warfare vessels

# Aircraft carriers



- a warship that serves as a seagoing airbase
- equipped with a full-length flight deck and facilities for carrying, arming, deploying, and recovering aircraft
- Aircraft carriers are expensive to build and are critical assets
- Aircraft carriers may be classified according to the type of aircraft they carry and their operational assignments
- Aircraft carriers have evolved from converted cruisers to nuclear-powered warships that carry numerous fighter planes, strike aircraft, helicopters, and other types of aircraft



# CLASSIFICATION BY SIZE

- ❑ **Super carrier**
- ❑ **Fleet carrier**
- ❑ **Light aircraft carrier**
- ❑ **Escort carrier**



# Surface combatants



- Surface combatants - are a subset of naval warships which are designed for warfare on the surface of the water, with their own weapons.
- Surface ships include cruisers, destroyers, frigates, and corvettes.





**US hull classification symbols for aircraft carriers and related types**

| <b>Symbol</b> | <b>Designation</b>                                             |
|---------------|----------------------------------------------------------------|
| CV            | Generic aircraft carrier                                       |
| CVA           | Attack carrier                                                 |
| CVAN          | Nuclear-powered attack carrier                                 |
| CVE           | Escort carrier                                                 |
| CVG           | Flight deck cruiser (proposed)                                 |
| CVHA          | Aircraft carrier, Helicopter Assault (retired)                 |
| CVHE          | Aircraft carrier, Helicopter, Escort (retired)                 |
| CVL           | Light aircraft carrier                                         |
| CVN           | Nuclear-powered aircraft carrier                               |
| CVS           | Anti-submarine warfare carrier                                 |
| CVV           | Aircraft Carrier, Medium (proposed)                            |
| LHA           | Landing Helicopter Assault, a type of Amphibious assault ship  |
| LHD           | Landing Helicopter Dock, a type of Amphibious assault ship     |
| LPH           | Landing Platform Helicopter, a type of Amphibious assault ship |

Several systems of identification symbol for aircraft carriers and related types of ship have been used. These include the pennant numbers used by the British Royal Navy and some Commonwealth countries, the US hull classification symbols also used by NATO and some other countries, and the Canadian hull classification symbols

# Cruisers



- During the Age of Sail, the term *cruising* referred to certain kinds of missions – independent scouting, raiding or commerce protection
- Currently only three nations operate cruisers: the United States, Russia, and Peru



# CRUISER CLASSIFICATION

- **Battlecruisers**
- **Light cruisers**
- **Flotilla leaders**
- **Auxiliary cruisers**
- **World War I**
- **Heavy cruisers**
- **Anti-aircraft cruisers**



# Destroyers



- a fast maneuverable long-endurance warship intended to escort larger vessels in a fleet, convoy or battle group and defend them against smaller powerful short-range attackers
- "large, swift, and powerfully armed torpedo boats designed to destroy other torpedo boats.«
- Modern destroyers, also known as guided missile destroyers, are equivalent in tonnage but vastly superior in firepower to cruisers of the World War II era, capable of carrying nuclear tippedcruise missiles.



- At the start of the 21st century, destroyers are the heaviest surface combatant ships in general use, with only three nations (including the United States, Russia, and Peru)



# Frigate





- Commonwealth frigates were specifically designed as anti-submarine escorts for trans-Atlantic convoys.
- Commonwealth frigates were specifically designed as anti-submarine escorts for trans-Atlantic convoys.
- Commonwealth Frigates were not the same as the American destroyer escorts although they were both meant to fill the same need.



# Corvette



- A **corvette** is a small warship. It is traditionally the smallest class of vessel considered to be a proper warship.
- Corvettes were originally warships typically smaller than a frigate, but larger than a sloop, usually with guns on a single deck.



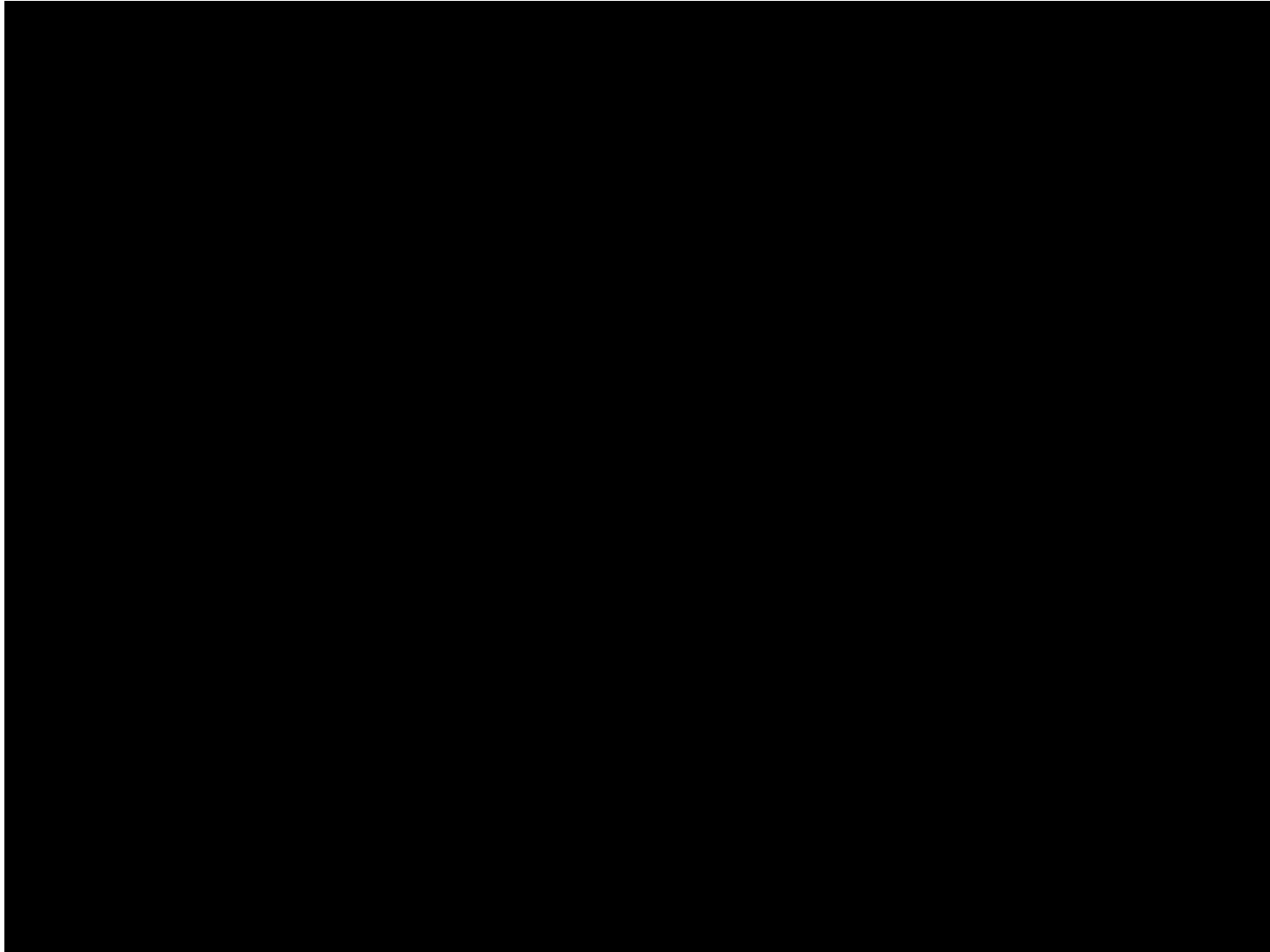
# Large patrol vessel



- A **patrol boat** is a relatively small naval vessel generally designed for coastal defense duties.
- They are engaged in anti-smuggling, anti-piracy, fisheries patrols, and immigration law enforcement. They are also often called upon to participate in rescue operations.



# THE POWER OF NAVAL FORCES





**THANK YOU**  
for your  
**ATTENTION!**