



# NAVAL SYSTEMS

export catalogue

Rosoboronexport

Naval Systems  
Export Catalogue

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# GLOSSARY

|         |                                      |
|---------|--------------------------------------|
| AA      | Anti-Aircraft                        |
| AD      | Air Defence                          |
| ADMS    | Air Defence Missile System           |
| ADGMS   | Air Defence Gun/Missile System       |
| ASM     | Anti-Ship Missile                    |
| ASW     | Anti-Submarine Warfare               |
| CIWS    | Close-In Weapon System               |
| CODAD   | Combined Diesel And Diesel           |
| CODAG   | Combined Diesel And Gas Turbine      |
| CODOG   | Combined Diesel Or Gas Turbine       |
| COGAG   | Combined Gas Turbine And Gas Turbine |
| ECM     | Electronic Countermeasures           |
| EEZ     | Exclusive Economic Zone              |
| ELINT   | Electronic Intelligence              |
| EMC     | Electromagnetic Compatibility        |
| ESM     | Electronic Support Measures          |
| EW      | Electronic Warfare                   |
| FCS     | Fire Control System                  |
| GPS     | Global Positioning System            |
| HF      | High Frequency                       |
| hp      | Horsepower                           |
| IFF     | Identification "Friend-or-Foe"       |
| IR      | Infrared                             |
| kW      | Kilowatt                             |
| MANPADS | Man-Portable Air Defence System      |
| MCM     | Mine Countermeasures                 |
| MRS     | Multiple Rocket System               |
| RCS     | Radar Cross Section                  |
| rpm     | Revolutions Per Minute               |
| SAM     | Surface-to-Air Missile               |
| SAR     | Search And Rescue                    |
| TAR     | Target Acquisition Radar             |
| TLC     | Transport-Launch Container           |

# FOREWORD

**R**osoboronexport State Corporation presents most advanced naval systems and technologies developed by the Russian shipbuilding industry.

The present catalogue is intended to give a proper perspective on the scope of Russian-made naval equipment offered for export by Rosoboronexport State Corporation. It contains five chapters with brief descriptions of:

1. Submarines
2. Surface warships
3. Development projects
4. Shipborne weapons
5. Shipborne electronic systems
6. Stationary electronic systems
7. Coastal weapon systems
8. Auxiliary vessels.

As can be seen, Rosoboronexport State Corporation exports all types of naval equipment and associated services. Listed are major warships, such as guided missile destroyers, frigates, new generation corvettes, guided missile and landing air cushion craft, missile and patrol boats, as well as Amur- and Kilo-class diesel-electric submarines, and small-size submarines with air independent propulsion.

Baseline projects of warships and auxiliary vessels of various types elaborated by Russian design bureaus are offered for license construction at foreign customers' shipyards.

Advanced naval weapons include shipborne surface-to-surface and anti-ship/anti-submarine missile systems, air defence missile systems, various torpedoes and mines, as well as coastal missile and artillery systems.

Rosoboronexport can help customers to create integrated coast defence systems, interoperable with Air Force, Air Defence, missile/artillery and electronic warfare units. The systems feature increased target detection/classification/engagement capabilities with enhanced kill probability.

The Corporation also offers partial and comprehensive modernisation of the vintage Soviet/Russian-made ships, submarines, auxiliary vessels, shipborne weapons and equipment to increase their combat capabilities and to extend service life.

The catalogue is addressed to Navy commanders and defence procurement experts.