



Ukrainian
Maritime Cluster



CATALOGUE

**Ambassadors
of Mykolayiv**

Public union «Ukrainian Maritime Cluster»

Громадська спілка “Морський Кластер України”

The Ukrainian Maritime Cluster grew from the initiative during multiple public events in 2018-2019 and was established as a Public Union by proactive Ukrainian companies in 2020. UMC is a platform for the Ukrainian maritime industry companies to share best practices and develop a consolidated position. The UMC founders are PE MARINE DESIGN SERVICE in the person of Olena Zhukova and BUSINESS SUPPORT CENTER LLC in the person of Artem Vashchylenko.

Primary objective: consolidation of legal entities of private law to facilitate the development of Ukrainian maritime economy and to protect its rights and interests. Members of the Public Union “UMC” are legal entities of private law, including public unions with legal entities’ status, that share UMC’s mission and objectives.

Public union “Ukrainian Maritime Cluster” (PU “UMC”) became the connection point for the entire maritime sector that links with other players, global and national policy makers, and maritime organizations.

Mission - the facilitation of Ukrainian maritime economy development through the consolidation of waterborne companies.

Main activities - forming of economic, technological, and political environment for the development of the Ukrainian maritime economy. Support for global integration and growth of international competitiveness of cluster members.

Value proposition of the UMC, main elements that distinguish this type of cluster from similar ones:

Smart Product & Services - UMC aims to create a new generation of products with high competitiveness and innovativeness that meet the requirements of world markets.

Smart Organization - UMC promotes organizational change of local producers and their collective capacity in the direction of significant improvement of innovation and export potential by:

- Changes in approaches to solving strategic development tasks;
- Resolving personnel issues;
- Solving investment issues

Smart Export - creating and deploying a wide portfolio of tools to support export activities and internationalization

Throughout its operations, the organization establishes strong relationships with maritime industry enterprises. Under the initiative of the UMC, the development of Ukraine’s shipbuilding strategy is ongoing, accompanied by working meetings with stakeholders and representatives of state and governmental organizations, as well as local authorities. For three consecutive years, events have been held as part of the European Maritime Day (EMD). The UMC consistently implements its main areas of activity, namely supporting global integration and enhancing the competitiveness of the Cluster’s members on the international stage.

The Union became an associate member of SEA Europe, a member of the European Network of Maritime Clusters (ENMC) and the European Boating Industry (EBI).

Memorandums of cooperation with the Polish Maritime Technology Forum (PMTF) and TIASI were signed.

UMC's all-Ukrainian strategic partners are: Ukrainian Cluster Alliance, Association of Shipbuilders of Ukraine, SE Classification Society Shipping Register of Ukraine, Military Unit A3163, Public Union "Ukrainian Association of Press clubs".

UMC has experience presenting the organization at international events such as SMM, TRANS EXPO ODESA 2021, EUROPORT 2021, as well as all-Ukrainian events such as intercluster conferences, strategic sessions, workshops, etc.

UMC participates in international grant projects to support the organizational potential and promote the development of the maritime industry of Ukraine. The following projects are currently being implemented: 4BIZ - Boosting the Blue Economy in the Black Sea Region by Initiating a Business Collaboration Framework in the field of Fisheries and Aquaculture, Coastal and Maritime Tourism and Maritime Transport and within the framework of the International Cooperation Program "EU4Business: Recovery, Competitiveness and Internationalization of SMEs", which jointly financed by the European Union and the German government and implemented by the German federal company Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

Products / services

- Use of common cluster assets
- Exchange of information on new market opportunities
- Synergistic effect in closing gaps in production cooperation
- Increased image and reputation, joint and individual PR
- Better access to innovation, donor and export resources
- Improved organisational capacity of each cluster member
- Integration and leadership in regional high-tech development programmes



Contacts

maritimeukraine.com

Phone: +38 067 512 19 63

E-mail: info@maritimeukraine.com



facebook.com/maritimecluster.ua



linkedin.com/company/ukrainian-maritime-cluster-umc-

«AMICO DIGITAL» LLC **ТОВ «АМІКО ДІДЖИТАЛ»**

AMICO Digital Limited Liability Company was founded in 2020 in Mykolaiv, Ukraine, and is a part of AMICO group, which has more than 30 years history in the field of industrial safety monitoring systems SADCO™ for shipbuilding, seafaring and maritime infrastructure transshipment terminals.

The company was founded to develop and implement new products to meet the demands of the digital age.

Company focuses on the development of measuring solutions for various industries, including nuclear power stations.

The appropriate tools for efficient solve of typical customer tasks are designed and implemented.

In particular, the first product of the company is a level sensor for liquids and liquefied gases MIRA+™ series which can be used for replacement of "SADCO" systems' sensors. Net sensors have significant advantages over the previous generation and analogues. They are more reliable, accurate, flexible and convenient for typical applications.

Another example of our products is intrinsic safety barriers of BIZON series. Such devices are widely used in oil, gas, mining and other industries where explosion protection is needed. The entry of such product to our product-line is conditioned by safety requirements and necessity of reliable protection of connecting different measuring transducers and devices in control and monitoring systems.

We offer our clients and partners an optimal set of instruments for timely and accurate measurement in control and automation systems. The correct use of these tools with the timely and optimal service increases the efficiency of business and technological processes of customers.

As an example, we design solutions for online monitoring of the products stored in the tanks using MIRA+ level gauges. Developed systems give the users required data about all liquid's parameters in a convenient form from anywhere in the world in real time mode 24×7, with notification for the operators when important events occur, etc.

We strive to improve, optimize and facilitate the performance of Customer tasks. Thus, we save customers' time and money and provide the necessary level of security and reliability

Contacts

digitalamico.com

Phone: +380 97 979 8320

E-mail: info@digitalamico.com



facebook.com/AmicoDigital

Export markets

- Export activity was frozen because of hostilities in the country. Revival is planned after the victory in the war and integration of Ukraine into EU.



Products / services

- Level sensor for liquids and liquefied gases MIRA+™
- Intrinsic safety barrier BIZoN 2Ex.24.12
- SADCO+ systems
- MIRA+™ systems



Level sensor for liquids and liquefied gases MIRA+™



Intrinsic safety barrier BIZoN 2Ex.24.12



Intrinsic safety barrier BIZoN 2Ex.24.24

«Artel» LTD ТОВ "Артіль" ЛТД

Artel Ltd was founded in 1992 and is now one of the largest diversified enterprises in southern Ukraine. The company's various divisions are engaged in the production of high-quality custom-made furniture, interior doors, high-tech CNC equipment for processing wood and wood-like materials, glass and metal, hovercraft production, large shipbuilding, etc.

Over the years, more than 4,000 units of high-quality CNC machines of various types and modifications have been produced and found their customers in 25 countries in Europe, Asia and Africa. A full-fledged service centre was also opened in the Republic of Poland, which provides warranty and post-warranty service for CNC machines operated in the European Union.

Since 2009, Artel Ltd. has mastered a new direction for itself - small shipbuilding and has become the only enterprise in Ukraine that produces Hovercrafts of the HovArt trademark. Today, the Tornado F-50 and Tornado F50 Long hovercrafts manufactured by Artel Ltd are well known not only in Ukraine, where they are in great demand among fishermen and hunters, but also in Poland, Italy and China, which are the main foreign buyers of the Hovercrafts. The Tornado F-50 and Tornado F50 Long hovercrafts are used by the water and patrol police units of Ukraine, the State Emergency Service, environmental protection services, etc.

Following small-scale shipbuilding, large-scale shipbuilding was mastered, resulting in the launch of river-class catamarans Elena and Lyubov Ivanova, as well as a river-sea class vessel Anna II and a series of all-season fishing seiners SM12/1. Another high-capacity catamaran has been put into production and is scheduled to be launched in 2024.

In addition to all of the above, it should be noted that Artel LTD is one of the largest and oldest manufacturers of high-quality custom-made furniture in Mykolaiv, and is also the largest supplier of materials for furniture production in Ukraine - PVC film of the Artvinyl trademark, artificial stone Reston and quartzite Reston-Q.

Contacts

artelua.com

artelmarine.com

Phone: +38 067 588 2744



facebook.com/groups/artelshipbuilding



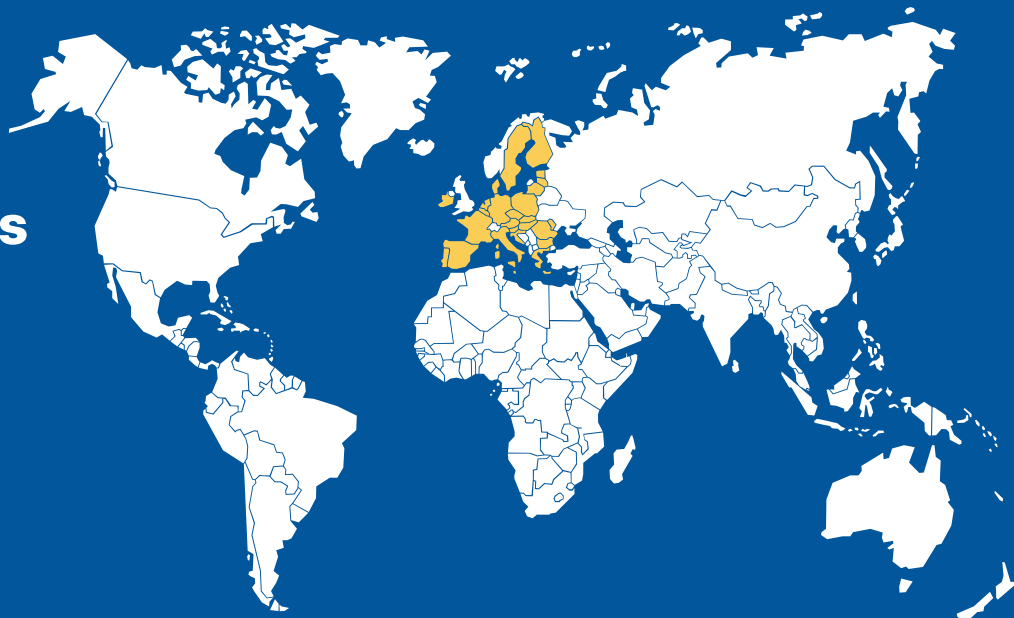
youtube.com/@arteluacom



youtube.com/@Artelua

Export markets

- European Union
- Moldova



Products / services

- Tornado F-50 hovercraft
- Tornado F50 Long hovercraft
- River-class and river-sea class vessels
- All-season fishing seiners SM12/1
- CNC woodworking and metalworking machines
- PVC film "Artvinyl"™
- Artificial stone Reston
- Quartzite Reston-Q



«Black Sea Shipyard Company» LTD **ТОВ Компанія «Чорноморська верф»**

Our company, founded in 2008, specializes in shipbuilding, ship repair, and the construction of yachts and boats. Over the course of our activity, we have successfully repaired and modernized sea vessels ranging from 3000 tons to 30,000 tons, with the involvement of our partners. Our experts have completed orders for ship owners from Austria, Slovenia, Latvia, Croatia and Germany. In addition, we have delivered 18 boat hulls to a customer in Germany for further completion and outfitting. Our products have been showcased at the Boat Show in Düsseldorf and Lake Baden. Throughout our years of operation, we have also successfully repaired and modernized motor and sailing yachts of various lengths, ranging from 18 to 38 meters. To this day, we continue to complete orders for yacht construction, particularly for sailboats and motor yachts. Our modernization and construction works are carried out under the supervision of inspection bodies such as RSU, BV, GL, ABS, RINA. Furthermore, we are involved in the modernization of a motor yacht in Croatia, which has a length of 38 meters. Our company has years of experience and high qualifications in shipbuilding and repair, guaranteeing the quality and reliability of our work. We are always ready to meet the needs of our clients and provide them with high-quality products and services.

Contacts

Phone: +38 067 515 23 72

E-mail: bs_verf@ukr.net



Export markets

- Austria
- Slovenia
- Latvia
- Croatia
- Germany



Products / services

- Ship repair
- Vessel modernization
- Yacht services
- Construction services for boats and yachts





Shipyard «Black Sea Yachts» LLC ТОВ «Верф «Чорноморські яхти»

Black Sea Yachts combines centuries-old shipbuilding traditions with a European approach to the quality and reliability of the vessels and yachts built by the company.

Own Design Bureau, experienced engineers and shipbuilders, assembly workshops, own furniture production, construction of ships and yachts under the supervision of the Italian classification society RINA give Black Sea Yachts the opportunity to offer customers exactly those vessels that will best meet their wishes.

The production facilities consist of 4 workshops. The main workshop measuring 144 x 20 m is designed for the assembly of metal structures for yachts and vessels, and 3 workshops measuring 109 x 55 m.

The main shop has two overhead cranes with lifting capacities of 20 tonnes and 15 tonnes. Other workshops also have overhead cranes with lifting capacities of 5 and 15 tonnes.



Contacts

blackseayachts.com

Phone: +38 050 394 5106

E-mail: info@blackseayachts.com

Export markets

- No export (at the moment)



Products / services

- Specialised boats
- Traveling boats
- Hydrographic vessels
- Pilot vessels
- Patrol boats
- Boats for recreation and travel
- Sailing yachts
- Motor yachts



«C-Job Nikolayev» LLC **ТОВ «Сі-Джоб Миколаїв»**

C-Job Nikolayev LLC is a ship design and engineering company that provides comprehensive design solutions for the maritime industry. Here at our company, we take a client-centered approach to ensure that our designs align with our respected customers' specific requirements and understand that every project is unique. We work closely with clients throughout the design process, considering vessel type, size, intended use, and regulatory compliance to develop optimal solutions.

C-Job Nikolayev utilizes industry-leading CAD software, including Cadmatic, AVEVA, Siemens NX, Ship Constructor, Rhinoceros 3D, ANSYS, RFEM, Napa, Siemens Femap, Inventor, Intergraph, Nauticus Hull, BV Mars, to streamline the design and engineering process. These powerful tools enable us to create accurate and efficient designs, enhance collaboration between engineering disciplines, and ensure seamless integration with production processes.

One of the critical factors for a successful start of the engineering project is that our engineering departments, clients and other external contracting companies can synchronize their work. At C-Job Nikolayev, we use an automated corporate project management system. Collecting data and managing processes in one program. We forecast the implementation of projects and introduce various innovations for higher efficiency of the company.

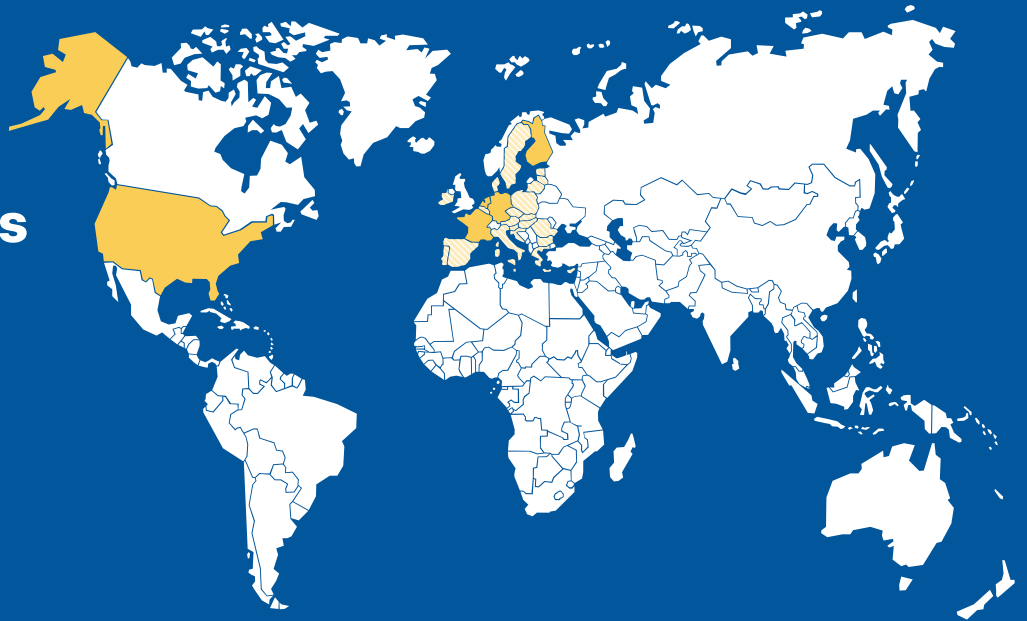
One of the great benefits is that our clients can join our engineers in watching the overall view of the ship's design or analysis. Customers' project managers and coordinators can also monitor the tasks' progress. This means they continue to be involved in the entire process, and we can consult with them regularly.

For all vessels, from fishing trawlers to cruise ships, we develop the concept design into a Basic 3D model while ensuring continuous compliance with classification society requirements, up to and including approval. The approved design is further developed into a detailed design.¹⁾ For various vessels, including tankers, container ships, megayachts, dredgers, and offshore platforms, C-Job Nikolayev has considerable expertise in designing piping systems. We use cutting-edge technologies and incorporate the most recent industry standards and codes into our engineering process to ensure accurate and production-friendly design.

Our team of skilled engineers provides a complete documentation package for vessels, including detailed piping design and specifications. We catalog all equipment and components, including connections, service spaces, footprints for foundations, and a complete set of attributes required for a design. With C-Job Nikolayev's advanced outfitting technology, the shipyard can create an advantage in planning and reduce the overall building time of the vessel because certain elements can be created in advance.

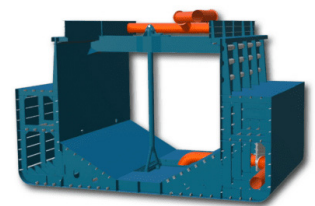
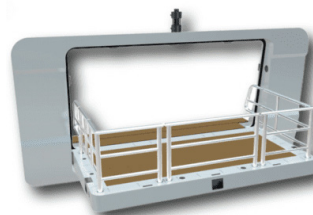
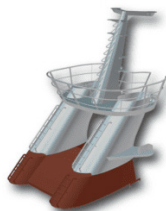
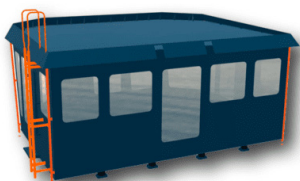
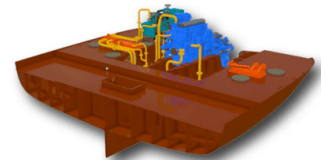
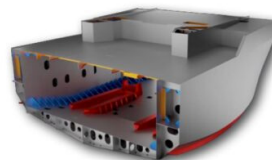
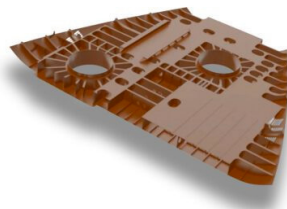
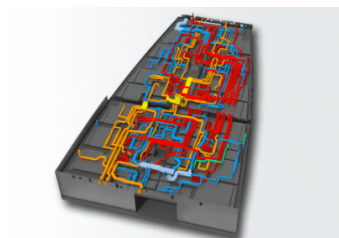
Export markets

- The Netherlands
- France
- Finland
- Germany
- Other EU countries
- USA, etc.



Products / services

- HVAC routing
- Fore double bottom section
- Hull block
- Aft double bottom section
- Wheelhouse
- Navigation Mast & Funnel
- Beach platform door
- PI Check tool
- MID block of TSHD
- Hybrid Tug
- Houseboat
- Quality Management



Contacts

c-job-ua.com

Phone: +38 0512 776 018

E-mail: office@c-job.com.ua

 [instagram.com/cjobnikolayev](https://www.instagram.com/cjobnikolayev)

 [facebook.com/cjobnikolayev](https://www.facebook.com/cjobnikolayev)

 [linkedin.com/company/c-job-nikolayev](https://www.linkedin.com/company/c-job-nikolayev)

«Company Gulfstream» LLC ТОВ «Компанія Гольфстрім»








Company Gulfstream LLC (founded in 2004) is the first company in Ukraine to design and build ultra-strong motor boats using HDPE (high-density polyethylene).

PROPER BOATS platforms made of HDPE are designed for tough use, do not need to be painted, do not corrode or break down, and do not require maintenance.

Company Gulfstream LLC (Mykolaiv) designs and builds multi-functional platforms using ultra-strong HDPE, for harsh operating conditions – industrial, working, military, roving, rescue, and support.

We are currently building platforms of three designs GS4700 (4,700 mm), GS7300 (7,300 mm) and GS6400TSB (6,400 mm), other sizes are at the stage of completed design and calculations.

PROPERBOATS™ – super strong HDPE flotilla

	INSHORE		OFFSHORE		SPECIAL	
						
	GS395	GS500	GS4700	GS7300	GS6400TSB*	GS7500SSB**
Length max	3,97 m	5,05 m	4,77 m	7,42 m	6,36 m	7,42 m
Width	1,64 m	1,96 m	2,13 m	2,42 m	26 m	2,42 m
Board height	0,7 m	0,8 m	0,94 m	1,25 m	1,17 m	1,25 m
Draft	0,22 m	0,22 m	0,32 m	0,272 m	0,36 m	0,3 m
Body weight	175 kg	270 kg	410 kg	950 kg	650 kg	1000 kg
Load	400 kg	700 kg	650 kg	1250 kg	1200 kg	500 kg
Crew	3 people	4 people	6 people	12 people	8 people	up to 4 people
Motor	25-40 hp	40-70 hp	50-90 hp	150-300 hp	125-250 hp	140-300 hp
Transome H	385/508 mm	385/508 mm	508 mm	508/635 mm	508/635 mm	Column
V fuel tank	24 liter	53 liter	53 liter	100 liter	100-200 liter	100-200 liter
Certificate	-	-	CE (RINA)	CE (RINA)	-	-

* Tube's Side Boat

** Special Service Boat

Contacts

gs.mk.ua

Phone: +38 050 318 4424

E-mail: gsmkua@gmail.com



facebook.com/properboats



shorturl.at/bgpGT



instagram.com/hdpeboats_ua

Export markets

- Europe (planned)



Products / services

- Multifunctional platforms made of HDPE



РЕ «Intellectual Maritime Technologies»

ПП “Інтелектуальні Морські Технології”

Private engineering company Intellectual Maritime Technologies (IMT) is registered and operated in Mykolaiv, Ukraine, since 2009.

The Ukraine based company develops and offers computer-aided engineering (CAE) ShaftDesigner software, which is the analysis of the designed visualization, it is analytical software which simulate and calculate the marine and industrial engineering issues.

IMT is an engineering, software development, troubleshooting and consulting company having a great experience in the maritime industry. Software is for marine propulsion shafting alignment, torsional vibration analysis, axial vibration analysis and whirling vibration analysis at the design, production, maintenance and ship repair stages.

The main activities in maritime industry are:

- Propulsion shafting design;
- Software development;
- All aspects of propulsion shafting alignment;
- Shafting vibration calculations;
- Hull structures strength assessment;
- Ship stability calculations and testing.

The software provides the following analyses:

- Shaft Alignment;
- Whirling vibration;
- Axial vibration;
- Torsional vibration.

ShaftDesigner software advantages:

- Focused on the marine industry, shipbuilding and ship repair;
- Proven by many users for decades;
- Quick investment return;
- All types of calculations are combined in one software package;
- Automatic checking classification societies requirements;
- High-speed calculations without third-party FEM solver behind;
- An intuitive graphical user interface;
- Powerful reporting system, repository, units converter;
- Flexible modular and floating perpetual licenses;
- Software as a service (SaaS) with access per project;
- Academic version;
- Fully functional trial version for 40 working hours;
- Continuous development, rapid users support and training;

Our existing and target partners are engaged in maritime and industrial engineering, shipbuilding and repair, services, consulting and advisory, Class societies. In our reference list more than 80 companies around the world. The main customers:

Lloyd's Register, SKF, BAE Systems, MAN Diesel & Turbo, Wärtsilä, China Classification Society.

Export markets

- 
- USA
 - Canada
 - Columbia
 - Ecuador
 - The United Kingdom
 - Ireland
 - Portugal
 - The Netherlands
 - Germany
 - Poland
 - Denmark
 - Croatia
 - Norway
 - Sweden
 - Finland
 - Turkey
 - Egypt
 - UAE
 - India
 - China
 - Japan
 - South Korea
 - Australia
 - Singapore

Products / services

- All kind of ship theory calculations
- Marine propulsion shafting design
- Shaft alignment design
- Final shaft alignment in a dry dock
- Online shaft alignment consulting
- Hull deflections calculation
- CFD analysis of propeller hydrodynamic loads
- Bracket bearing stiffness calculation
- Torsional, whirling, axial vibration analysis
- Torsional vibration measurements
- FEM element analysis of ship hull structures
- Performing inclining tests
- Shaft alignment and vibration training
- Software development on demand

Contacts

shaftsoftware.com

shaftdesigner.software

Phone: +38 097 918 3291, +38 050 392 0566

E-mail: info@shaftdesigner.software
vadim.todorov@shaftdesigner.software



facebook.com/ShaftDesigner



linkedin.com/company/shaftdesigner



linkedin.com/showcase/shaftdesigner-software/



PE «Marine Design Service» **ПП «Марін Дизайн Сервіс»**

Private enterprise "MARINE DESIGN SERVICE" was founded in 2000 in Mykolaiv and has been operating in the Ukrainian market and abroad for more than 20 years.

In the period from 2000 to 2010, the company carried out a number of international projects for technical support by engineers, production managers and highly qualified and professional workers of the shipbuilding industry at shipyards in Egypt, Portugal, Romania and for customers from Germany, Norway and the Netherlands.

From 2010 to 2020, resulting from the fact that the company has formed project groups with future first employees of Marine Design Engineering Mykolaiv LLC (MDEM), which became part of the Dutch concern Damen Group, the main activity for MDS PE had become rental services and the creation of infrastructure for the functioning of above-mentioned companies, namely, the project for reconstruction of "open space" offices according to international standards was implemented.

Lately, on the basis of the premises of PE "MDS" and on a joint initiative with the Mykolaiv Regional Business Support Center, public events were repeatedly held to consolidate representatives of the maritime industry of Ukraine, as well as negotiations with international organizations and government officials to support certain industries, in particular the shipbuilding industry. It was these events that became one of the levers for the establishment of PU "Ukrainian Maritime Cluster" in 2020 as a platform for companies of Ukrainian maritime industry to exchange best practices and creation of a consolidated position of the industry.

Since 2020, as a co-founder of PU "Ukrainian Maritime Cluster", PE "Marine Design Service" has also been providing technical consulting services on commercial activities and management, as well as research and experimental development in the field of other natural and technical sciences.

With the beginning of the escalation of hostilities in Ukraine, the company did not stop its activities, despite the damage caused to the company's premises in course of missile attack but continues the course on reconstruction and restoration of the maritime industry and native land ecosystem.

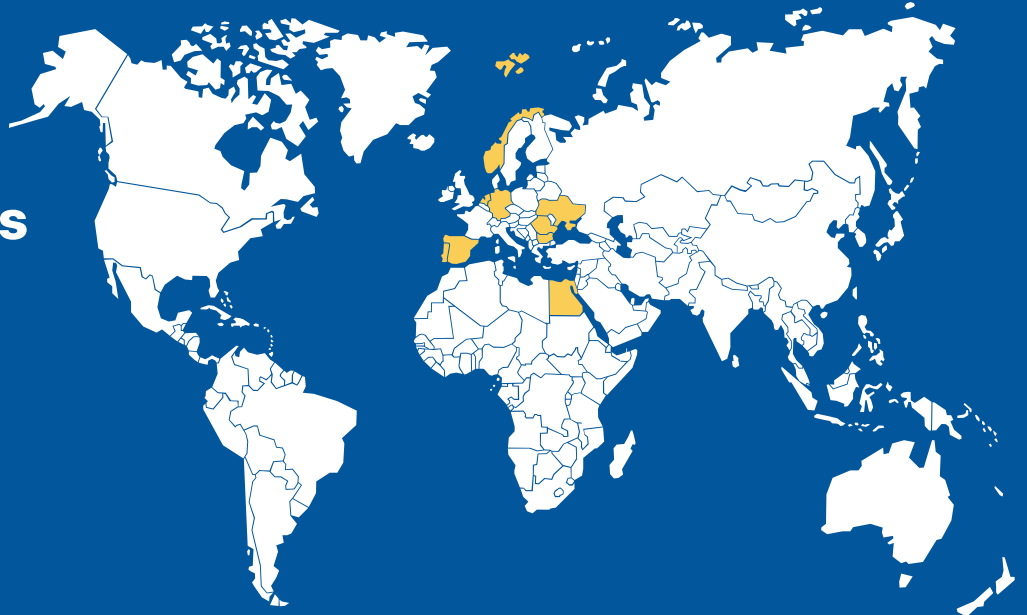
Contacts

mds.ua

E-mail: olena.zhukova@mds.ua

Export markets

- Ukraine
- Germany
- Norway
- Portugal
- The Netherlands
- Romania
- Bulgaria
- Spain
- Egypt



Products / services

- Innovative projects on development of maritime technologies and competences





«ProLINE» Ltd., yacht design & engineering ТОВ «Проектно-дизайнерське бюро «ПРОЛАЙН»

ProLine Project and Design Bureau, a leading Ukrainian company for the design of yachts, recreational vessels, passenger and technical fleet vessels, was established on 05.02.2003 as a limited liability company.

The Bureau carries out a full range of project - design and development works in the field of shipbuilding. The main activity is vessel design and construction in shipbuilding, engineering and technical activities in the field of shipbuilding architecture.

The basis of the Bureau is computer 3D modeling. Based on the wishes of the Customer, the ideology of the yacht is created, its style is formed, the basic technical and design solutions are developed, both for the exterior and for the interior. Designing, based on the created computer model permits to avoid many errors and minimize additional costs during construction.

The main component of the success of the bureau is close cooperation with the Customer. Beginning of mutual work is advance project. It allows you to form dreams into visible images and get an estimate of the value of your desires.

Then follows the selection of a reliable shipyard for the vessel building and the important procedure for concluding of the construction contract. Protection of the interests of the Customer is guaranteed throughout the construction cycle. This guarantee is the Architectural supervision of the Designer over the construction.

The Bureau combined two hundred years of experience and professionalism of shipbuilders and yacht builders in Mykolayiv with an innovative approach to design, advanced technologies, creativity of thought and vision of the world. The ProLine team knows their business firsthand. The knowledge of yachting came through hard male labor in long sea voyages under sail.

Respect for the sea is the basis of our worldview.

Contacts

proline.ua

Phone: +380 512 47 53 30; +380 512 50 05 29;

E-mail: info@proline.ua



facebook.com/proline.yacht



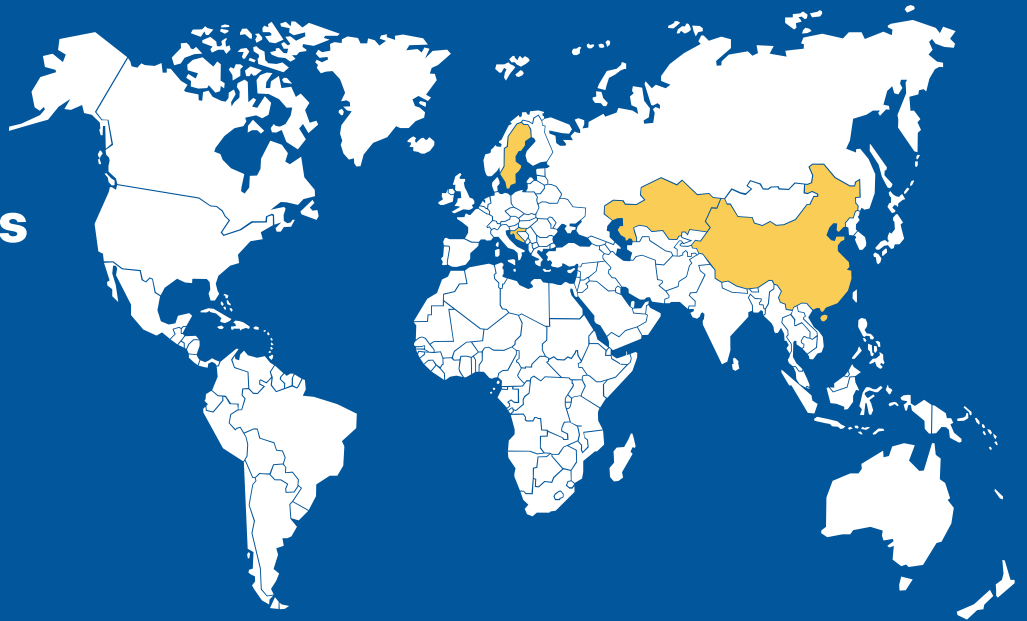
youtube.com/@prolinedesign8796



linkedin.com/company/proline-yacht-design-&-engineering

Export markets

- Kazakhstan
- Croatia
- Sweden
- China



Products / services

- Conceptual design
- Creation of 3D model of the vessel
- Visualisation and animation of vessel exterior
- Development and production of project documentation
- Interior design
- Engineering services
- Project support
- Author's supervision and technical support of construction
- Consulting



Megayacht "Severina" - Project OB47



Megayacht "Baiterek" - project ULBA

The project is organised within the framework of the international cooperation programme “EU4Business: SME Recovery, Competitiveness and Internationalisation”, co-financed by the European Union and the German government. The program aims to support Ukraine’s economic resilience, recovery and growth, create better conditions for the development of Ukrainian small and medium-sized enterprises (SMEs), as well as support innovation and exports. EU4Business is an initiative of the European Union that helps small and medium-sized enterprises in the Eastern Partnership countries.
Read more: www.eu4business.org.ua

The strategic executor of the program is the German federal company GIZ Ukraine.
Implementation Partner – Ukrainian Maritime Cluster.

The contents of this publication are the sole responsibility of the Ukrainian Maritime Cluster and do not necessarily reflect the views of the European Union and the German government.



Ukrainian
Maritime Cluster

maritimeukraine.com
info@maritimeukraine.com
+38 067 512 19 63



maritimecluster.ua



ukrainian-maritime-cluster-umc-

