Protection, Preservation & Restoration
of the environment since 1978

Emergency Response Services
Risk Assessment & Contingency Planning
Oil Spill Response Equipment
Crisis Management Services
OSR & Incident Management Training
Custom Environmental Solutions
“New Naval was established in 1978 with the mission to provide local marine companies the equipment resources and strategies to prevent and remedy marine pollution.

Today, this core mission remains unchanged. It has grown to include a variety of other responsibilities, specifically to provide exceptional environmental services based on our extensive experience and knowledge of how to practically apply solutions. New Naval supplies not only the resources but the knowledge, training and expertise to effectively protect, preserve and restore marine environments.

Our equipment portfolio includes innovative technologies manufactured from the highest quality materials that provide longevity and are able to stand-up to the rigorous environmental and operational demands of marine environments. Cost-effective, durable, efficient and properly applied operational solutions are fundamental to prevent and combat environmental disasters, emergencies and pollution.”

- Nikos Koliarakis
Engineer, Founder, Owner and the Managing Director of New Naval

New Naval’s headquarters is located several kilometers from Poseidon’s, god of the seas, temple in Sounio, Athens. As Greece is surrounded by islands and crystal clear waters that provide life, energy, health and beauty, our history and inspiration have always been united to the sea with the protection of the marine environment being of paramount importance.

With a passion for innovation, efficiency and effectiveness. New Naval provides progressive and affordable equipment solutions, accredited training, planning advice and guidance so your organization is prepared and properly positioned for a response. As a dedicated, focused, client-based company, your preparedness and response capacity to be a fully responsible entity is our primary focus. New Naval aims to support the client not only until the delivery of equipment or services, but in any instance where our expertise, advice or services are needed.
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Since New Naval Ltd.’s establishment 40 years ago in 1978, the company has evolved to become one of the leading Greek environmental companies in the Mediterranean Sea and one of the most reliable European manufacturers of oil spill response and marine environment protection equipment for clients around the globe. Surrounded by beautiful seas and islands, New Naval has a long history and tradition in shipping and maritime. The company gradually turned its focus to the protection of the marine environment and started producing and supplying pollution control equipment to combat incidents. Tailor-made, cost-efficient and environmental-friendly solutions are developed for almost every marine environment issue. This, coupled with increasing capabilities in emergency response services and a dedicated customer focus makes New Naval an alternative, unique manufacturer and service provider.

Our in-house, Emergency Response Department, provides marine environment protection services. New Naval has worked closely with National government and European authorities, ports, harbors, coastal facilities, oil terminals, shipping companies and organizations within the gas industry to innovate and provide advanced equipment as well as develop Emergency Response Services based on expertise and cost-efficient solutions. This, and our involvement in a number of spill incidents, has led to the establishment of New Naval’s first factory in 1998. In 2015, New Naval invested in a brand-new production facility that includes a state-of-the-art Training Center in Lavrio, Athens.
Our People, Our Network, Our Clients

**Our People**: New Naval consists of a combination of young, enthusiastic individuals from various backgrounds and some of the most experienced experts in the industry. Qualified engineers, marine pollution advisors, sales and marketing staff, well-trained response personnel and crews form an ideal mixture of people who are willing to support and deliver any project around the world and most importantly share a passion for the marine environment and its protection. We, at New Naval, consider our people our assets; therefore we continuously invest in their capabilities.

**Our Network**: We are continuously expanding our sales and service network that covers a significant part of the world, including but not limited to Germany, UK, Italy, Cyprus, Argentina, US, Malta, UAE, Kuwait, Sri Lanka, India, Libya, Romania, Lebanon, Qatar, Nigeria, Egypt and Turkey. Our agents and representatives are carefully selected, we strive to work with the best and most reliable people within our industry. New Naval welcomes opportunities for representation and cooperation in any part of the world, especially with individuals and companies who share the same ethics and passion for the marine environment. Our response network includes multiple international OSR companies renowned within the industry for their experience and knowledge.

**Our Clients**: For the last four decades New Naval has worked with highly reputable companies, authorities and organizations around the world including European Maritime Safety Agency (EMSA), ports and port authorities in the Mediterranean Sea, Armed Forces of varying countries, municipalities, oil and gas companies (drilling operators, refineries, terminals, etc.), coastal facilities, resorts and hotels. No project is too small or too big as our enthusiasm and concern for the marine environment is parallel to that of our current and future clients.
Innovative Technology & Custom Solutions

For decades, New Naval has provided services and products addressing the preparation for and response to any marine pollution incident. Our experience includes projects, development of equipment for the response to and participation in marine pollution incidents originating from ships, ports and coastal facilities. New Naval has always provided the necessary tools or solutions to defend against these types of debilitating incidents.

This experience and significant exposure, paired with a resolute spirit and innovative R&D team has led us to develop a wide range of equipment while allowing us the flexibility to engineer custom-made solutions for almost any marine environment issue including oil and HNS spills, jellyfish, marine litter, sediments from dredging, red tide phenomena and other detrimental factors. In many cases, New Naval has provided scenario-based intelligence including the analysis of possible impacts of specific hazards and threats to properly formulate the most efficient and effective response and preventative solutions.

Years of experience has provided New Naval with the resources, knowledge and infrastructure to provide Tier 1 and Tier 2 support within Greece and nearby countries. This position allows New Naval to prepare other entities to properly position themselves as effective responders with the training, tools and planning to respond properly to an incident, identify potential risks that may lead to an incident, and to prepare for unmitigated circumstances.

New Naval continuously invests in new technologies and innovations. By participating in important European research programs such as CLAIM (Horizon 2020) or through our own Research and Development efforts, New Naval aims at developing new technologies and unique products that provide progressive solutions to any marine environment issue.
Emergency Response Services

Contingency Planning, Risk Assessments, Consultancy & Preparedness

New Naval’s experience in prevention and response operations includes the lead-role as one of the primary response entities within Greece, as a provider directly appointed by ship-owners or their insurance companies, and as a sub-contractor. For all of these operations, New Naval has been successful preventing and/or mitigating the pollution generated. New Naval maintains a network of Tier 1 bases strategically located throughout Greece and a Tier 2 base in Lavrio, intentionally located near major ports and airports. Our prevention and preparedness portfolio is supported by a vast network of internationally renowned experts and includes a number of related services:

Contingency Plans and Risk Assessment:
Planning for potential threats is extremely important. Creating, testing and implementing a contingency plan based on risk assessments evaluated by qualified professionals is an ideal process to properly protect against potential threats and incidents that may occur. With in-house resources and experts or through a network of trusted consultants, New Naval can prepare, write and submit any Risk Assessment, Contingency or Emergency Plan that your facility or organization might need. Planning includes the evaluation of spill risks and scenarios, adherence to national and international legislation and obligations, estimation of equipment required to mitigate an incident, sensitivity mapping, trajectory modelling, tactical response plans, notification procedures, reporting, documentation and media response.

Advice and Consulting on Marine Environment Issues and Spill Response Preparedness:
Consulting includes the equipment selection and application based on resources and scenarios, audit of emergency response bases, GAP Analysis, and mobilization plans. Strategic decisions implemented before an incident allows operators to properly manage all available resources and can radically alter the outcome of an incident.

Integrated Prevention/Preparedness Tier 1 Packages:
New Naval can provide preparedness packages intended for various facilities, including the provision of equipment, response exercises, training, inspection and maintenance of equipment. This includes the mobilization of additional resources if an incident escalates. Possession of or access to adequate resources is fundamental to being a responsible and capable provider.
Emergency Response Services

In the event of an incident, especially in the first hours of a response, reliable infrastructure and support is vital. New Naval prides itself in maintaining dedicated response-ready personnel and state-of-the-art equipment that can be rapidly activated to provide primary and secondary response support in the case of an incident when a call-out is received. No incident is too small for New Naval when the environment is threatened or harm is imminent.

Our main equipment stockpile is strategically located next to one of the main ports of Greece and 30 minutes from the Athens International Airport. The stockpile includes the full range of response equipment including dynamic recovery response vessels. In an instance where Emergency Response Services are required, New Naval will dedicate Tier 1 and Tier 2 resources, and in some cases can increase internal production, to provide strategic and structured Emergency Response Services supported by qualified personnel and all necessary response equipment to properly address any incident.

A large stockpile of ready to deploy equipment allows New Naval to quickly prepare and send equipment to an incident. This paired with highly qualified engineers and trainers ensures that equipment will be in place, properly attended to and properly operated in the shortest time possible.

- Tier 1 & Tier 2 support in Greece
- Tier 2 support in the Mediterranean in collaboration with other Tier 2 providers
- Emergency response strategic planning
- Response training
- Continuous production and manufacturing of equipment in case of large incidents to constantly supply operations
- Mobilization of fast response dynamic recovery vessels
- Use of interactive platform for proper communication between parties
- Mobilization of an experienced, well-trained team of responders and supervisors
- Quick air or ship freight to any location
Rental, Leasing, Equipment Packages & Commissioning

New Naval has a variety of equipment options designed to fit the needs and the budget for the operation at hand. Rental and leasing options are ideal solutions for temporary and short-term projects that may call for support or emergency response equipment. Individual equipment, pre-packed containers built for specific OSR operations and custom packages based on customer needs are available for rental and leasing. Training, equipment commissioning and support personnel are also available for any and all operational needs.

New Naval equipment comes prepared for emergency or stand-by operations. Rental equipment packages contain carefully selected items that are paired together to provide ideal response resources that can be rapidly deployed at a moments notice. Packages are complete systems that include all necessary items to properly operate in the designated environment.

All of New Naval’s services are supported by experienced and trained personnel.

Equipment services include:
- Equipment Rental
- Equipment, Logistics and Commissioning
- Post-Operation Maintenance
- Maintenance Scheduling & Service Plan

A variety of pre-packaged, containerized scenario-based systems are available including:
- Pumping/Transfer Operations Container
- Offshore Containment & Recovery Container
- Neashore/Port Response Container
- Shoreline Response Container
- On-Shore Response Container
- Dispersant Container
- Command Station Container
- Consumables & Support Container

For Oil and Gas use, containers can be DNV Offshore Certified. 10 or 20 ft depending on client requirements.
Crisis Management Services

New Naval is participating in Green Bow Maritime’s (GBM) innovative and integrated Crisis Management Service Agreement to the shipping industry including oil & gas installations, ports, harbors and refineries, as one of the response organizations offered through Green Bow’s Crisis Management agreements.

**WHY INCORPORATE A CRISIS MANAGEMENT SERVICE?**
Reputation is for any company, a valuable asset. For some, the most valuable and with the greatest added value. Because “accidents happen”, the true test of a corporation is its resilience and ability to:
- Mitigate the risk
- Manage the problem
- Implement the right solutions

**WHY CRISIS MANAGEMENT SERVICE AGREEMENT (CMSA)?**
- Covers due-diligence normally required by National/International Legislation and insurance companies
- Proves “Excellence” required for commercial purposes to gain access to certain markets/customers
- Ensures companies always remain in complete control
- Allows selection of non-exclusive and non-retainer choice of solutions/responders
- Ensures that Crisis Coordination remains firmly in-house for both marine casualties and cyber-attacks
- Provides your decision maker(s) clarity in choosing the required solutions and services
- Emergency activation of a pre-established response network resulting in a cost-effective response (-20%)

**“CHERRY-PICKED” SERVICES PACKAGE CMSA INCORPORATES:**
- Establishment of a response system (activation, tactics, response network and pre-agreed fees)
- Expert’s consultancy and cost control
- Coordination of response (live feed from the casualty to all involved parties)
- Salvage & oil spill response (allocation of resources; a non-exclusive choice with major benefits)
- Oil spill preventive measures (equipment & training)
- Media response & reputation management
- Cyber Security prevention, response & claims handling to ensure business continuity
- Marine cyber-risk insurance

**OUR COMPETITIVE ADVANTAGE.**
In the current market there is distinct separation between companies that provide Crisis Management for marine casualties and tech-companies providing cyber-risk management, resulting in complex response activation and a disconnection between complete protection. New Naval CMSA covers both marine casualty and cyber-attacks under a single system with a single retainer’s fee and a single point of mobilization.
Training

Oil Spill Response Training

New Naval provides a variety of oil spill response training, both theoretical and practical through an affiliated partner, the NGP Training Center. Courses are taught by experienced, qualified instructors and include the use and application of a variety of equipment. Accredited oil spill response training courses, including advanced curriculums, have been developed and are delivered at our owned and operated NGP facility in Greece, or at the facility/location of your choice. Training can be provided in a variety of languages. Accredited by the Nautical Institute, New Naval prefers to utilize not one or two, but several instructors to diversify courses and make them more interesting and educational. Our pool of instructors includes experts from many different nationalities who can speak a variety of languages and are located all around the world.

The NGP Training Center is the sole provider of interactive e-courses for IMO OPRC, an extremely cost-effective and time efficient educational series that allows staff to be trained fully and properly in daily settings as well as emergency situations. The interactive e-courses are created to save money, time and resources for all parties; employees do not have to leave their posts at their offices, safety/critical personnel remain in the facility and organizations are saving the significant cost of travelling and accommodation. The video conference platform provides real-time interaction and collaboration between the delegates and instructors, as per IMO and UK’s Nautical Institute guidance that has contributed to the development of this ground-breaking service.

New Naval participates in NGP Training Center as a founder and a shareholder.

Courses include but are not limited to:

- International Maritime Organization (IMO) Level 0: Oil Spill Response Awareness*
- International Maritime Organization (IMO) Level 1: First Responders & Operations*
- International Maritime Organization (IMO) Level 2: Supervisors and OSCs*
- International Maritime Organization (IMO) Level 3: Senior Management*
- Incident Command Systems (ICS) 100**
- Incident Command Systems (ICS) 200**
- Incident Command Systems (ICS) 300**
- Introduction to Marine HNS Response at Operational Level
- Shoreline Oil Spill Response & SCAT**
- K9 Shoreline Cleanup Assessment Technique Team Lead (K9-SCAT TLJ)**
- OSR Equipment Systems & Maintenance Principles (specific & general options)
- Crisis Management Training
- OSR Crew Awareness Course*** (for crews serving on-board active vessels)
- CyberAlert*** (understanding potential cyber threats on-board and on-shore)
- Custom courses designed for scenario and customer specific response

*Accredited Interactive E-Course
**Interactive E-Course
***Under accreditation
NGP Training Center

New Naval has designed and built a state-of-the-art training center in Lavrio, Greece (only 30 minutes drive from the Athens International airport). The facility includes classroom and teleconference facilities, a large test tank, a variety of OSR equipment, access to the nearby port and New Naval’s fleet of oil recovery vessels. The Center allows participants to have an immersive hands-on training experience and participate in actual equipment deployments.

The training center is an ideal complete approach to oil spill response education. Not only are participants trained to the highest quality of international standards, they are in the heart of a strategically located central hub that oversees numerous facilities with Tier 1 and Tier 2 capabilities. The NGP Center is unique as it shares the same location with the manufacturing warehouses where New Naval’s full range of OSR equipment is built, including New Naval’s R&D department.

The Facility includes:

- Test Tank
- Classrooms
- On-water resources
- Manufacturing factory
- Nearby port with fleet of stand-by OSR vessels
- Complete equipment range
- Variety of experienced instructors
- Customized, customer-oriented training

Recent course locations include:

- Cyprus
- Egypt
- Greece
- India
New Naval provides the complete oil spill response range of equipment necessary to quickly respond, contain and address a variety of on land and in water incidents. Products are designed to utilize the highest-quality materials, progressive research and operational knowledge based on response experience.

Equipment solutions include a large range and variety of equipment so that clients are properly prepared to combat any type of oil spill incident. Product categories contain varying types of products allowing customers to select and customize equipment resulting in the creation of ideal systems for their operational and situational needs. Many products can be customized or fitted with additional, complementary items that improve the effectiveness of operating systems and operation procedures, reducing response difficulties while improving the rate and control of recovery and response processes.

Our production facility is ISO9001 certified and our services division is ISO14001 and OHSAS18001 certified.

Product Categories:

- Skimmers & Vacuums
- Scorpion Oil Booms
- Ancillary Equipment
- ScorPack Power Units
- Transfer Pumps
- Dispersants & Distribution
- Sorbents
- Storage
- Vessels
Ancillary Equipment includes a variety of different equipment that reduces the necessary time for deployment, recovery, and positioning while increasing control of oil containment boom and in some applications Coastal & Marine Environment Protection booms. Our range includes boom inflators, road trailers, boom crates, boom reels, tow bridles, anchoring sets and other support equipment.

SKIMMERS & VACUUMS
New Naval provides a wide-range of recovery oil skimmers including oleophilic free-floating skimmers, varying weir skimmers, belt brush skimmers that can be used independently or as advancing systems, and vacuum systems. The New Naval skimmer product range addresses all response scenarios and have various capacities and applications. Custom made skimmers can also be manufactured upon client requests.

SCORPION OIL BOOMS
Containment oil booms come in a variety of lengths and styles constructed from a variety of high quality fabric materials (PVC, PU and other options) built for any application. New Naval manufactures fence, inflatable curtain and solid floatation curtain booms made with durable materials, built to last and withstand the harsh conditions of a spill. Response ready containment equipment is fundamental to containing and corralling a spill as fast as possible. Custom sizes and makes, boom systems, storage and containerized options are available.

ANCILLARY EQUIPMENT
Ancillary Equipment includes a variety of different equipment that reduces the necessary time for deployment, recovery, and positioning while increasing control of oil containment boom and in some applications Coastal & Marine Environment Protection booms. Our range includes boom inflators, road trailers, boom crates, boom reels, tow bridles, anchoring sets and other support equipment.
New Naval dispersants are anionic and on-ionic emulsifiable surfactants that create an oil-in-water micro emulsion maximizing surface tension, and are efficiently and effectively deployed in a swath from a work platform or vessel by our systems that include dispersant nozzles or dispersant spray arms that utilize multiple nozzles.

**SCORPACK POWER UNITS**

Power Units provide the drive for many different types of equipment. New Naval Power Units come in various capacities ranging from 7.5 kW to 54 Kw and are made to operate different machinery including Recovery Skimmers, Ancillary Equipment (Air Inflators, Boom Reels) and Transfer Pumps. Power Units are robust and intended for use in a variety of applications.

**TRANSFER PUMPS**

Transfer Pumps come in a variety of different sizes and capacities. Pumps can be used in Skimmer recovery operations, transfer/lightering operations and a variety of other applications. Pump selection is dependent on the operation at hand and the equipment in use. New Naval distributes a range of various pumps, including centrifugal, diaphragm, and positive displacement pumps.

**DISPERSANTS & DISTRIBUTION**

New Naval dispersants are anionic and on-ionic emulsifiable surfactants that create an oil-in-water micro emulsion maximizing surface tension, and are efficiently and effectively deployed in a swath from a work platform or vessel by our systems that include dispersant nozzles or dispersant spray arms that utilize multiple nozzles.
SORBENTS
Sorbents include absorbents and adsorbents that can be easily deployed and recovered. The sorbents are extremely oleophilic and hydrophobic, allowing them to collect multiple times their weight of most oil types without sinking. Sorbents can be used in conjunction with booms or independently. Our sorbent range include Oil Absorbent Pads, Rolls, Booms, Socks, Pillows, Granules and Particulates and Adsorbent Oil Traps. New Naval also manufactures Chemical and General Purpose Absorbents for industrial applications.

STORAGE
Storage is an extremely important aspect of oil spill response and other emergency situations. New Naval provides a line of temporary storage and decontamination units that are simple to understand, require minimal storage and are easy to clean. Systems are portable and rapidly assembled. Our range includes decontamination tanks, towable and non-towable bladders, barges, ground mats, self-supporting storage tanks and open top, temporary framed tanks.

SEAGUARDIAN RESPONSE VESSELS
High-speed, dynamic recovery crafts are designed as support vessels for oil spill/emergency response and salvage operations. Their speed minimizes time of the response from the initial call-out and shallow drafts allow operation in a variety of environments and are designed to carry OSR equipment (skimmers, booms). New Naval manufactures a range of dynamic recovery crafts and work boats such as the SeaGuardian 9/10 Response Vessel and the SeaGuardian 12 Twin Dynamic Vessel and can also custom make models tailored to client specifications.
Coastal & Marine Solutions

Solutions Designed for Environmental Protection

New Naval has designed a series of solutions for marine and coastal environments based on an increasing demand for protection of valuable assets. The containment of naturally occurring phenomena such as jellyfish, red tide and marine litter that invade marine environments, sediment resulting from environmental degradation due to erosion or construction, threatening activity by radical sources, and other possible detrimental activities or natural occurrences has resulted in the design of New Naval’s Marine and Coastal Protection line of products.

Systems are designed to be used in a variety of scenarios including hotels, resorts, government facilities, water intakes, private shorelines and lands, sensitive/protected ecosystems, construction or repair areas, and erosional areas. The Jellyfish and Litter Containment Boom is certified by the Greek National Laboratory as a non-toxic substance and is government approved by the Greek Ministry of Shipping. The JFL Boom is a cost-effective, multi-purpose system that is designed to contain and collect jellyfish, marine garbage and floating or submerged pollutants in a variety of applications both on the surface and below water. The boom is already installed in a number of beach bars and resorts around Greece.

All of the products can be customized and altered to customer specifications, tailored to meet environmental demands and scenario variations.

New Naval also manufactures anti-terrorist barriers, a solution for protection from sea level attacks and when properly deployed, it can prevent sea-level attacks by man-powered or remote high-speed crafts.
New Naval continuously invests in the invention and research of new products and systems in order to meet environmental demands and clients' requirements to provide innovative solutions. Although internal R&D is fundamental to the growth and equipment portfolio of New Naval, participation in external, non-profit projects is essential to protecting the environment and collaborating with governments and environmental companies.

New Naval is participating in the EU H2020 Research Program, battling for cleaner seas free of marine garbage. The CLAIM (Cleaning Litter by Developing & Applying Innovative Methods) project aims to create simple, clever and innovative ideas to combat this problem. New Naval’s role in the project includes developing a system to contain and collect litter from river mouths, preventing this pollution from reaching larger marine environments and breaking down into microplastics.

As a proud partner of the pioneering consortium, led by the Hellenic Marine Research Center (HCMR), New Naval brings industrial expertise and technical knowledge, enhancing the efficiency and effectiveness of the innovative solutions designed in this project.