

ZAMAKONA
YARDS



**SHIPBUILDING
SHIP & RIG REPAIRS**



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Zamakona Yards is one of the main shipbuilding and ship repair companies in Spain. With more than 40 years of experience in the industry we are located, in the Bay of Biscay and in the Canary Islands.

Our group employs over 850 professionals striving to give our clients the best service.

Zamakona Yards also has offices in Morocco and Mauritania to attend the increasing demand in West Africa.

We provide the highest quality services backed with all the certificates up to date and with special focus on safety.

HISTORY

- 1972** Pedro Garaygordóbil, our Chairman, founded the company Napesca in the Canary Islands. NAPESCA is a workshop specialized in ship repairs, which started with 12 employees and great expectations.
- 1979** Aware of the continuous growth in demand for new services, he founded IRCESA, a workshop for electrical repairs and installations.
- 1980** Astilleros Zamakona, a shipyard in Bilbao, joined the group of companies. Today it is an international reference for new ship buildings.
- 1987** ASINAVAL was founded in order to guarantee the supply of parts and material, a fundamental requirement on an island.
- 1988** REPNAVAL, a ship repair yard, also became part of the group, completing the range of services offered.
- 2006** With the acquisition of Astilleros de Pasaia, Zamakona Yards became one of the key players in Spain of the ship-building and ship repair industry.
- 2016** Internationalization of the Group: foundation of the company CCB Zamakona Offshore, SL through an alliance between the Norwegian company Coast Center Base with Zamakona Yards in order to offer specialized services to the oil rigs that pass by the Port of Las Palmas.



Port of Bilbao, 1928



Port of Las Palmas, 1909

Navigating towards the future

Zamakona Yards designs, build ships and structures. Also repairs and manufactures pieces as well as provides ship supplies. Our working area extends from the Bay of Biscay in the North Atlantic up to the area around the Canary Islands and West Africa in the Mid-Atlantic. Zamakona Yards wishes to continue offering global solutions to the sector's needs and to always be the first choice for ship-owners.

We aim to be the reference service company in our sector that is determined for:

- Maximum quality in providing services.
- Continuous dialogue and commitment with our clients.
- Improvement through continuous innovation and training.
- Social and environmental responsibility.

Our shipyards are in the cutting edge in terms of design and technology. We build ships to meet present and future needs. We contribute to the development of the naval sector, complying with the strictest quality and safety regulations in shipbuilding and ship repair.

Design and Technology move us forward



We carry out all kinds of repairs and conversions

We are constantly extending and improving our facilities, both in terms of infrastructure and service, in order to improve the accuracy and speed of our response to the customers.

We keep our quality commitment, as well as to optimize ship building and repair times, maximizing our clients' investment to maintain and build up trust and confidence.

Zamakona Yards is a group of companies complementing each other to provide comprehensive services to all kinds of vessels, rigs and installations at any time, both in port and at sea. We also supply all kinds of spare parts and consumables.



This business concept leverages and maximizes the qualities of each of the member companies that are divided into three main areas:

Zamakona Yards Bilbao – specialized in new building advance offshore vessels, tugs, live fish carriers, fishing vessels and ferries.

Zamakona Yards Pasaia – specialized in building high specification vessels as well as performing ship repairs and conversions

Zamakona Yards Canarias – Focus on ship repairs both afloat & dry-dock.

Zamakona Yards is committed to render the maximum quality of the services in a safe and ecological manner.

All of the services that the group of companies offer are under the brand of Zamakona Yards.

You can find more information about our group on our website

www.zamakonayards.com



Zamakona Yards Bilbao



Zamakona Yards Pasaia



Zamakona Yards Canarias

We are continuously improving

The strategic locations of Zamakona Yards in the Canary Islands along the Atlantic coast of Africa and in Northern Spain make this dynamic shipyard group the ideal logistic and service partner for ship and drilling rig owners and operators in the area.

From initial advisory and design services, through ship building, to all kinds of maintenance, supply or repair operations required on your vessel throughout their useful life time, Zamakona Yards offers the best guarantees on the market.

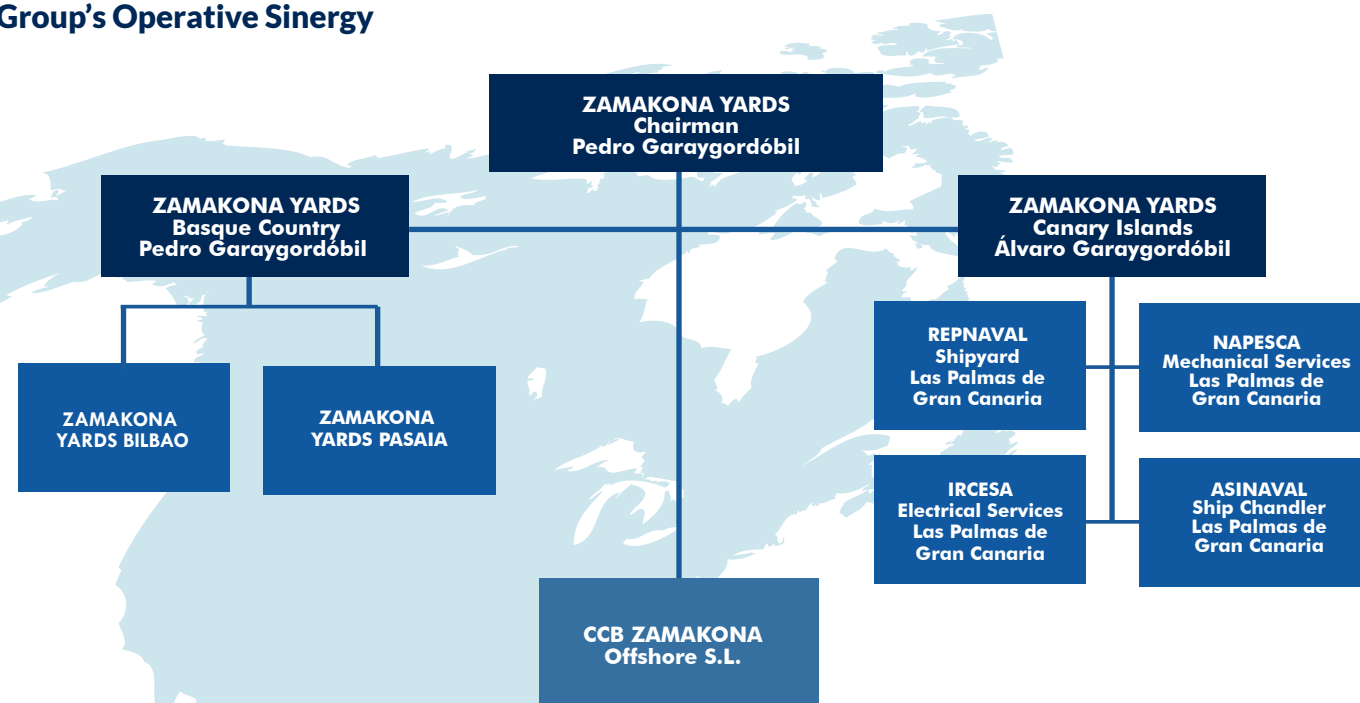
useful life time, Zamakona Yards offers the best guarantees on the market.

In order to reach this, our primary objectives are:

- We constantly looking to improve our procedures and services.
- We maintain close and fluent communication with our Clients.
- We apply an Integrated Management System in all our operations.



Group's Operative Sinergy



Strategic locations

The group consists in three shipyards:

Zamakona Yards Bilbao
Zamakona Yards Pasaia
Zamakona Yards Canarias

AHTS LOKE VIKING (ZAMAKONA BILBAO C667) on
ice towage in Greenland (2 weeks after delivery, June 2010)





2.1. Zamakona Yards Bilbao

Origin

Astilleros Zamakona, S.A. was founded in 1914, at the upswing of Biscay's industrial boom. The shipyard started building steam boats and sail boats. In 1928, following the new shipbuilding guidelines, the company expanded into the construction of steel ships, crafting the first fully riveted steel vessel.

Improvements and technological advances were continuously implemented giving the shipyard in 1964 the capability to deliver 17 vessels per year. In

1978 modernizing the production systems positioned the shipyard in new commercial segments.

Since then, the shipyard has experienced a continuous expansion and adaptation to the needs of its clients. In 1996 the company became even more competitive with the investment in new technologies and new equipment to back up the existing human resources team in the shipyard. Currently this shipyard is known as Zamakona Yards Bilbao.

Today

At present, Astilleros Zamakona, S.A. currently denominated Zamakona Yards Bilbao, is a company dedicated to the construction of various types of vessels up to 110 m length, with over 400 employees, located on facilities of approximately 35,000 m² and with the latest technical advances.

The yard is fully certified with the ISO (9001, 1400) and with the OSHA 18001 certificates.

The procedures, human resources and materials used, are all IACS compliant. Locally in Bilbao and in Pasaia the major Classification Societies are available, such as ABS, BV, DnV-GL, LR, RINA, among others.



Ronja Polaris Live fish carrier (2013)



2.1. Zamakona Yards Bilbao

Services

Astilleros Zamakona Bilbao is continuously aware of the latest designs and technologic trends. We are up to date with present technological solutions related to the construction of all type of vessels such as anchor handling vessels, supply vessels, standby and field support vessels, live fish carriers, fishing vessels, oil tankers and dredger etc.

Zamakona Yards has a large experience in building offshore vessels such as AHTS, PSV, standby vessels, tugs, live fish carriers, pelagic trawlers and tuna purse seiner etc.

Over 400 vessels have been built for ship-owners in Norway, U.K., Denmark, Holland, Germany, France, USA, Mexico, Morocco, Saudi Arabia, Egypt, Mauritius, Algeria, Yemen, Spain, etc.



Zamakona Yards, works closely with the leading international designers such as Ulstein Design & Solutions, Wartsila Ship Design (former Vik & Sandvik), Havyard Design, Rolls Royce, Robert Allan, IMT, PolarKonsult, Cintranaval, etc.



Technical Resources of the Shipyards

Slipway

- 1 1 slipway for vessels up to 5.500 t, 120 m x 25 m (cradle with winch).
- 2 1 Slipway for vessels up to 4.300 t, 120 m x 22 m (cradle with winch).
- 3 Outfitting quay: 150 m, + furthers in port of Bilbao.
Water depth (about): 8 m.

Cranes

- 15 gantry cranes (workshops), 10/60 t
- 3 outfitting quay (mobile) cranes of 8 t
- 4 outfitting quay (mobile) cranes of 15/60 t
- Any kind of mobile crane (incl. skyhorses) on request.

Assembly workshops 15.500 m2

General workshops 500 m2

Steel cutting machine

- 1 with CAD/CAM/CAP
- 1 plasma steel cutting, mod. Praxair Porta 4000 DR
- 1 oxygen/acetylene, mod. Praxair
- Pipe Bending Machine: 1 with CAD-CAM system.

General offices 570 m2

Offices for Surveyors 120 m2 – fully equipped (telephone, fax, toilets, shower, laundry...).

**We build for safety
and support
at sea**

ESVAGT DANA
Crew change Vessel
Delivery 2017.
Zamakona Bilbao Shipyard.





2.2. Zamakona Yards Pasaia

In 2006, following its policy of tackling new challenges, Zamakona Yards acquired the shipyard Astilleros Zamakona – Pasaia, S.L. in Pasajes.

Astilleros Zamakona – Pasaia, S.L., currently known as Zamakona Yards Pasaia, is located in the port of Pasajes, a region located in the Basque Country and focuses its main activity on new building and repair of ships as well as ship conversions.

The works are carried out with full guarantee and in accordance to the world's major Classification Societies, like Lloyd's Register of Shipping, Bureau Veritas, Germanischer Lloyd's, Registro Italiano Navale, Nipon Kaiji Kyokai, De Norske Veritas, American Bureau of Shipping, etc.



Germanischer Lloyd



Technical resources of the shipyards

Floating dock

- 1 The shipyard performs repairs afloat and dockings on the floating dock. It has a lifting capacity of 4,900 tons, is 110 m. long and has an interior beam of 23 m., it has a general crane and a tail shaft crane.
- 2 Further, for smaller repairs, there are 2 cradles: One for 60 m long and 11 m. wide vessels, and the other for vessels up to 40 m. long and 9.5 m. wide.
- 3 For new buildings, there are 2 slipways for vessels up to 85 m. in length and 13 m. of beam. Beside, there are mobile sheds covering the manufacturing area bloc and served by 2 shipbuilding cranes that are able to handle 20 T and 40 T.

Outfitting quay

The shipyard has the following out fitting quays:

- 4 South pier95 m.
- 5 East pier 100 m.





2.2. Zamakona Yards Pasaia

Services

- New construction up to 80 m. lenght
- Repairs in the floating dock or the slipways.
- Repairs afloat or at anchorage.
- Boiler and pipe workshop.
- Mechanical workshop (engines, pumps, turbos, valves).
- Electricity
- Various (sand blasting and ship painting, shaft seals, CO2 service, thickness measurements, etc.).



C795 - ADENIA FISHING COMPANY LTD.

MAIN CHARACTERISTICS

Length o.a.:	69,90 m
Length between pp:	61,80 m
Beam, mounded:	15,60 m
Depth main deck:	9,50 m
Speed :	15 knots
Crew:	15 persons

TANK CAPACITIES

Cargo Fish tanks:	2.200 m3
Fuel oil:	450 m3
Fresh water:	50 m3
Hydraulic oil:	10 m3
Lub. Oil :	24 m3

PROPULSION

Main engine:	Bergen Diesel
Type:	B33_45L9P_750
Output:	Output: 5400 kW
RPM:	750
Reduction gear:	Brunvoll Volda ACG950K
Reduction: 5,42 :	5,42 :1 with PTO2700kW@1200 rpm
Propeller	Brunvoll Volda CP95/4 with fixed nozzle
Bow Thruster:	Brunvoll Volda FU-63- LTC-1750-960 kW

GENERATING SETS

Diesel generators:	2 x 750 KW at 900 rpm
Shaft generator:	1 x 2700 KW
Emergency generator:	1 x 250 KW

Versatility and reliability

C790 – ESWIND01 A/S.





Shipbuilding

ADENIA FISHING COMPANY LTD

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
C795	Midwater Trawler,69,90 m	2019

ATLANTIC OFFSHORE AS

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
OCEAN OSPREY	Field Support Vessel	2014
OCEAN MARLIN	Field Support Vessel	2014
OCEAN FALCON	Stand by Vessel	2015

BOLUDA TOWAGE & SALVAGE, S.L.

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
VB XALOC	Tug VOITH	2016
VB XEREA	Tug VOITH	2017
VB JUAN GONZÁLEZ	Tug VOITH	2017
VB CEBALLOS	Tug VOITH	2018

DUBLIN PORT COMPANY

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
SHACKLETON	Tug	2010
BEAUFORT	Tug	2010

ESVAGT A/S

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
ESVAGT CORONA	Stand by Vessel	2004
ESVAGT CAPELLA	Stand by Vessel	2004
ESVAGT AURORA	Stand by Vessel	2012
ESVAGT DANA	Crew Change Vessel	2018
C790 - ESWIND01	Service Operation Vessel	2019

FLOTA SUARDIAZ

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
BARNOIL	Product Oil Tanker	2004
GREENOIL	Product Oil Tanke	2008
BUNKER BREEZE	Bunker Barge 5000 DWT&LNG	2018

HAIFA PORT COMPANY LTD

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
ELAD	Tug	2015

HARTWATER LIMITED Pesqueras Echebaster, SA

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
IZARO	Tuna Purse Seiner Vessel	2014
JAI ALAI	Tuna Purse Seiner Vessel	2015
EUSKADI ALAI	Tuna Purse Seiner Vessel	2015
ATERPE ALAI	Tuna Purse Seiner Vessel	2019

ICUBE TUNA FISHERIES, N.V.

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
C-751	Tuna Purse Seiner Vessel	2015

PESQUERA MIRIAN S.A.

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
LJUBICA	Tuna Purse Seiner Vessel	2014

REMOLCADORES DE BARCELONA, S.A.

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
MONTBRIO	Tug	2007
MONTFORT	Tug	2007
MONTALT	Tug	2009
MONTCLAR	Tug	2009

REMOLQUES Y SERVICIOS MARÍTIMOS, S.L. (REYSER)

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
ELISEO VAZQUEZ	Tug	2008
CLARA G	Tug	2008
WILLY T	Tug	2009

RIMORCHIATORI RIUNITI, S.P.A.

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
STELMO	Tug	2011

ROYAL ARTIC LINE, A/S

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
C797	Reefer/Container Vessel	2020
C798	Reefer/Container Vessel	2020

SEACOR HOLDING

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
STATIA EXPRESS	Tug	2007
STATIA RELIANT	Tug	2008
STATIA GLORY	Tug	2008
STATIA SUNRISE	Tug	2008

SOCIEDAD DE SALVAMENTO Y SEGURIDAD MARÍTIMA (SASEMAR)

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
DON INDA	Towing & Salvage and Oil.	2006
CLARA CAMPOAMOR	Recovery and Pollution Control Vessel	2007

SOLVTRANS REDERIAS

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
RONJA POLARIS	Live Fish Carrier	2013
RONJA HUON	Live Fish Carrier	2014

SVITZER MARINE LIMITED (U.K.)

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
PEMBROKE	Tug	2010

SVITZER SVERIGE AB

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
SVITZER HYMER	Tug	2010

VIKING SUPPLY SHIPS AS

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
LOKE VIKING	AHTS Vessel	2010
NJORD VIKING	AHTS Vessel	2011
MAGNE VIKING	AHTS Vessel	2011
BRAGE VIKING	AHTS Vessel	2012

VROON OFFSHORE SERVICES LIMITED

VESSEL'S NAME	VESSEL TYPE	DELIVERED IN
VIKING DISCOVERY	Stand-by Vessel	2007
VIKING EXPLORER	Stand-by Vessel	2007
VOS INNOVATOR	Stand-by Vessel	2007
VOS INSPIRER	Stand-by Vessel	2007
VOS PATHFINDER	Stand-by Vessel	2008
VOS PIONEER	Stand-by Vessel	2008
VOS PROSPECTOR	Stand-by Vessel	2008
VOS SEEKER	Stand-by Vessel	2009
VOS VOYAGER	Stand-by Vessel	2009
VOS ENDEAVOUR	Stand-by Vessel	2010
VOS ENDURANCE	Stand-by Vessel	2010
VOS ENTREPRISE	Stand-by Vessel	2010
VOS VENTURER	Stand-by Vessel	2011
VOS VIGILANT	Stand-by Vessel	2011
VOS VALIANT	Stand-by Vessel	2011

New technological standards.

ÍZARO. Tuna freezer vessel - Echebaster Group.
Delivery 2014.



2.3. Zamakona Yards Canarias

Location

The Port of Las Palmas, also known as Puerto de la Luz, is a commercial and passenger harbor with a separate yacht marina in the city of Las Palmas de Gran Canaria, Spain.

For five centuries, the Port of Las Palmas has served as a traditional stopover and supply base for ships when crossing the Atlantic.

The Port of Las Palmas is the main port in the Canary Islands as well as the main port in the Middle

Atlantic, being the biggest transit junction between Europe, Africa and America. It is an important hub for container companies.

Furthermore, it is a traditional port of call for cruise liners and for ferries in between islands and the mainland Spain. Every year there are one million passenger movement in this port. The cruise traffic is increasing every year.



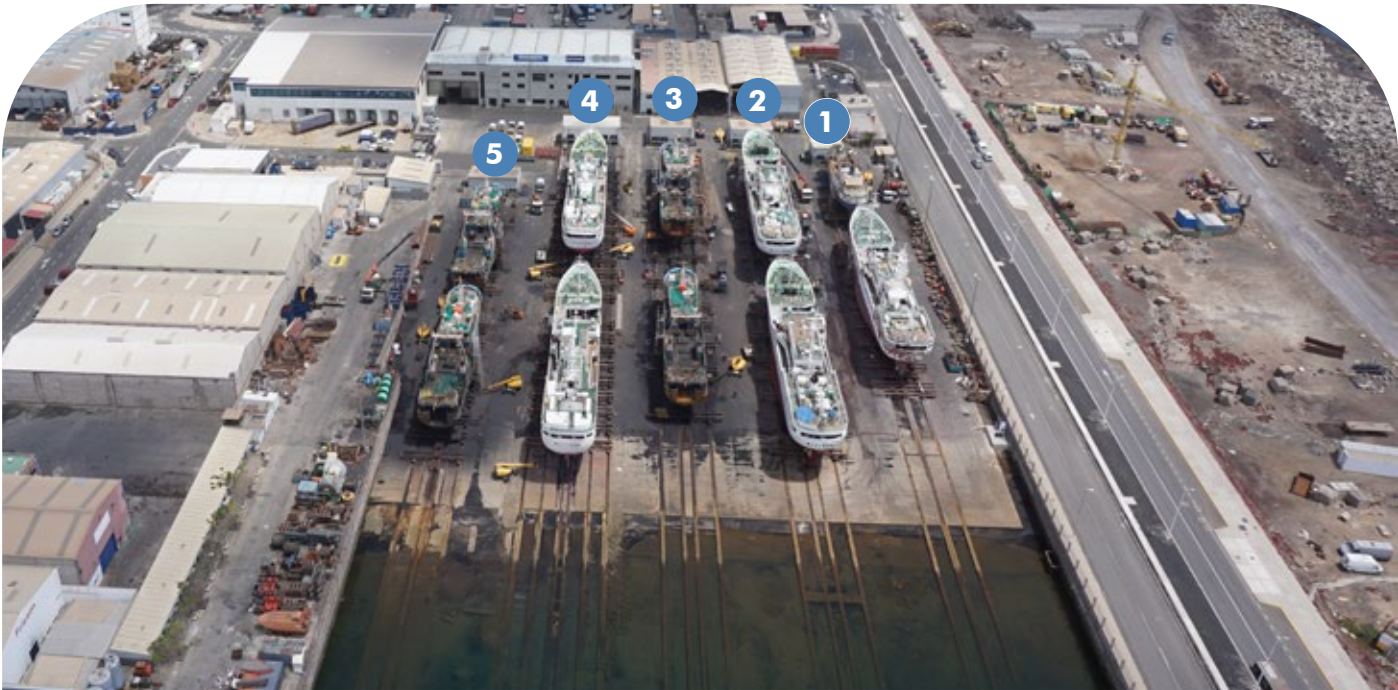
Technical Resources of the Shipyard

Zamakona Yards Canarias is a shipyard specialized in repairs, conversions and maintenance of ships. The shipyard has 5 repair slipways. The maximum capacity is: vessels up to 125 m. length and 22 m. beam, with displacement of 5500 T in docking condition.

- 1 SLIPWAY 1200 T, 120 m. Length, 12 m Beam.
- 2 SLIPWAY 3500 T, 125 m. Length, 18 m Beam.
- 3 SLIPWAY 3500 T, 125 m. Length, 18 m Beam.
- 4 SLIPWAY 5500 T, 125 m. Length, 22 m Beam.
- 5 SLIPWAY 2000 T, 90 m. Length, 14 m Beam.

Our facilities also comprise a 600 meters long outfitting pier, with maximum draught from 7 to 20 m. depending on the zone of the port. This infrastructure allows us to provide repair afloat next to our shipyard.

We have various types of machinery in our workshops; lathes, fixed and portable boring machines, honing machines, and ultrasound cleaning machine, state-of-the art machinery for mobile honing and laser alignment. We have all the machinery necessary to efficient service regarding repairs and manufacturing of parts.





2.3. Zamakona Yards Canarias

Services

Technical department. Engineering and Projects.

Electrical and Electronic department. Service to alternators, motors, automatization control, electronic devices.

Mechanical department. Engines, fuel pumps, regulators, on-site machining, laser alignment, chock fast, spacers, all types of pumps, purifiers, air compressors, turbochargers, pneumatic engine starters, refrigerators, coolers, non-destructive testing, fog detectors, remote-control system, etc.

Steel works department. Welding steel, aluminum, copper, pipework, underwater work, degassing and tank cleaning, etc. Our procedures and welders are certified by BUREAU VERITAS (BV) and AMERICAN BUREAU OF SHIPPING (ABS).

Other services. Inspection and testing of davits and propellers, carpentry, insulation, etc.

Zamakona Yards also provides basic services to ease accommodation during ongoing repairs:

- We provide offices and conference rooms with internet access for our Clients.
- Health services for crew on shore, washrooms, showers and toilets.
- Kitchen service, dining rooms and refrigerators for crews and used by their cooks.
- Fire service.
- Control access to Rig or vessel.
- Waste removal and recycle management.
- Cranes and Elevator Services

Zamakona Yards' commitment is to render maximum quality services and at the same time minimize the labor risks and preserve the environment. We have a QHSE system and specialists exclusively dedicated to this purpose. We also apply an eco-friendly program to maximize recycling.

In order to achieve these priority objectives:

- We seek constant improvement.
- We maintain a close and interactive communication with our clients.
- We apply an integrated HSEQ Management System

Our work is carried out with the full guarantee and in accordance with the world's major Classification Societies, such as Lloyd's Register of Shipping, Bureau Veritas, Germanischer Lloyd's, Registro Italiano Navale, Nipon Kaiji Kyokai, De Norske Veritas, American Bureau of Shipping, etc.





2.3. Zamakona Yards Canarias

New Facilities

Zamakona Yards, is ready for the offshore challenge. It's been over eleven years since the Sovereign Explorer rig stopped in the Port of Las Palmas for some repairs and maintenance works. Since then, another forty units, including semisubmersible rigs and drill ships have passed by this port for the same reasons as well as for recertification and modifications processes. The platforms support vessels (OSVs) are also now regular visitors, taking advantage of all the services that this important location offers.

During these years, we have developed different types of works in 20 rigs accumulating experience and taking into consideration the requirements of our customers.

To increase our work capacity, we have taken some strategic steps such as signing agreements to collaborate with specialized offshore companies like Subsea Master for all the work in subsea equipment such as marine risers and drill pipe. Also with the company GS-Hydro for all the high end hydraulic work, the installation and supply of specialized hose and systems.

Also, we have Increased our facilities that have allowed us to have a new area available at the beginning of the Reina Sofia Dock, we have more than 19.800 square meters, with more than 600 meters of dock line with priority access. This new area is ideal for ship and rig repairs alongside where the necessary space for the maneuvers and temporally storage of equipment is required.





2.3. Zamakona Yards Canarias

PROJECT BERTH

600m. / 1968ft. x 32m. / 105 ft.



REFUELING FEED POINTS



WATER POINTS

INSPECTION REPAIR
STORAGE AREA



SPECIALIZED
EQUIPMENT
WORKSHOP

CUSTOMER OFFICES



WORKSHOP

ACCESS FROM THE SHIPYARDS TO THE
PROJECT BERTH

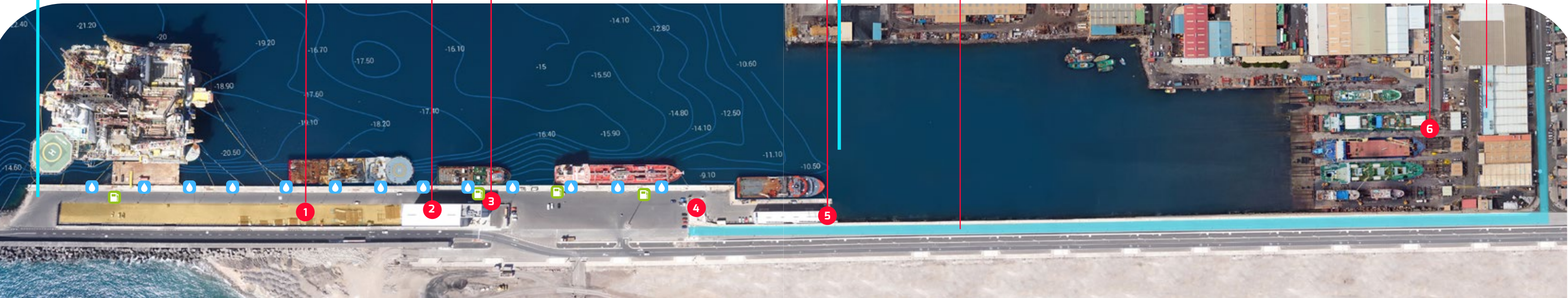
STORAGE AREA
700m. / 2296ft. x 15m. / 49ft.



SHIPYARDS / WORKSHOP

Shipyard
Mechanical Services
Electrical Services
Hydraulic Services
Steel Works
Ship Chandler

CUSTOMER
OFFICES



RESTAURANT
COFFEE SHOP





Specialization

3.1. Mechanical services

The mechanical workshop provides services and assistance afloat, mainly in the port, but also abroad and in route. We can provide assistance on short notice worldwide and into any port in West and North-West Africa.

Thanks to our 45 years of experience, we have become an authorized repair service for MTU, REINTJES, GUASCOR, ALFA LAVAL, EURIOA GOVERNORS, SCHALLER, among others.



Services

- Maintenance and repair of main and auxiliary diesel engines, generator sets, etc.
- Fuel injection pumps, governors test bench, etc.
- In situ machining of shaft lines, different parts for naval and general industry, bed plates, engine blocks, etc.
- Laser alignment with the equipment from Prüftechnik, Rota Ling Pro.
- Chock fast: Certificate and skill for more than twenty years.
- Water maker, maintenance and repair.
- Fuel oil, lub oil & bilge separators.
- Manufacturing and rectifying of parts with lathe.
- CNC machines.
- Maintenance and repair of pumps, compressors, turbochargers, air starters, coolers, etc.
- NDT certificated and visual survey with endoscope, borescope and video.
- Oil mist detector.
- Repair and diagnostic of Remote Control (RC) System.
- Malfunction analyses and other system errors.

- Full disassembling, inspecting, assembling, checking and adjusting of all type pneumatic valves and devices. On board and in the workshop.
- Diagnostic of electronic Remote Control System.
- We work with Rexroth, Westinghouse, NABCO, WABCO system and spare parts.
- Designing and modernizing old systems with new electronic components.
- Repairs and diagnostics of Viscosimeters / Thermo controllers.
- Level controllers.
- Control & monitoring.





Experienced Workforce

**Napesca's workshop
Las Palmas de Gran Canaria.**



3.2. Hydraulic services

Zamakona Yards Shipyards counts with a key partnership for Hydraulic services. The specialized company GS-Hydro located in our hydraulic workshop, in the port of Las Palmas facilities, has state-of-the-art machinery and highly qualified personnel to guarantee all type of hydraulic installations and the following services:

- BOP Repairs
- Hydraulics repairs and new installations of high and low pressure.
- Pneumatics repairs and new installations of high and low pressure.
- Very High pressure (up to 4000 bar) hydraulics repairs and new installations
- High and low pressure water repairs and new installations against fires mist.
- Hose handling.
- Ballast water repair and new installation (and treatment).

Services are supplied and carried out by using own products and selected key partner products as well as services carried out by our own fully qualified and trained staff.





3.3. Steel works

We are specialized in steel repairs works, replacing plates and stiffeners from hull, decks, superstructure, tanks, etc... And different plates quality, from DH 36, GRADE A, mild steel, etc,...

Also we repair and manufacture pipelines for different services, fuel, sea or fresh water, freezer plant, and different material, mild steel, stainless steel, cooper, etc Also we make pipes using special materials: corrosion-resistant, cupronickel and galvanized steel.

We work with different schedule of pipe lines, from SCH 20 till SCH 160 and especial thickness SCH XXS.

We have qualified welders for any welding need.

We manufacture structures according the drawing or requirements of our clients, using steel normalized profiles or manufacturing any other piece.

We have a large variety of welding sets as well as manual and semi-automatic equipment for all types of works in steel, aluminum and copper, with a team of qualified welders, MIG, MAG TIG....

Our welding procedures and welders are certified according to the IACS, means that are accepted by the most Classes Society (ABS, BV, LR...).

Our team has the experience and the qualification to certify in other welding procedures according to client requirements.





3.4. Electrical services

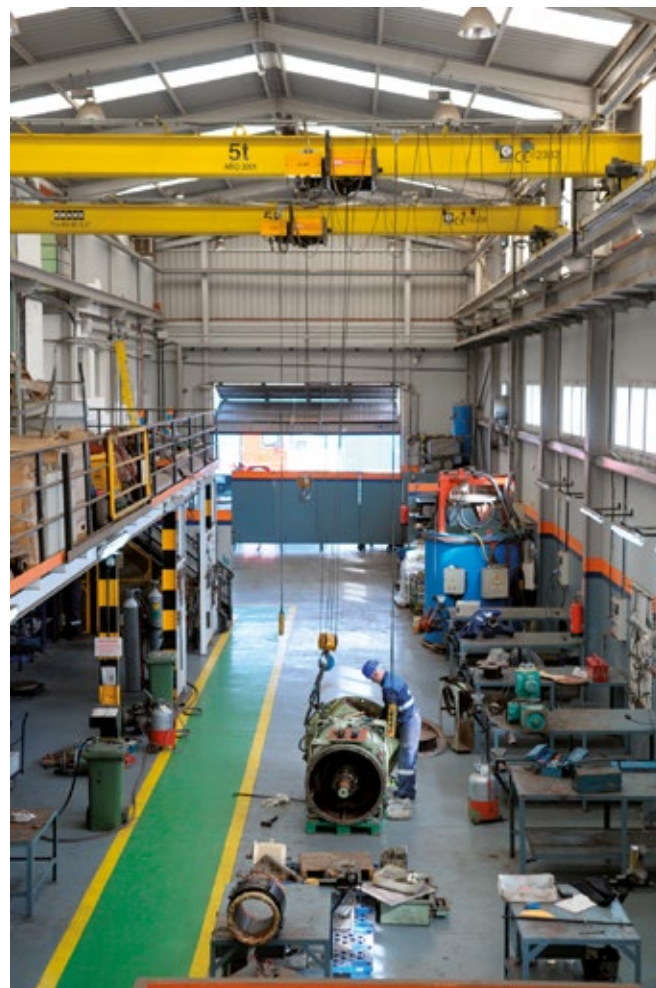
The electrical services are provided by Ircesa, an electrical repair workshop providing 24-hour service.

The company is specialized in technical assistance, repairs and electrical maintenance of any kind of fishing vessels, other commercial vessels, rigs and industrial facilities.

Services

We perform all kinds of work on windings for AC and DC alternators, automation and safety equipment.

- Rewinding of electrical motors, alternators and transformers in AC / DC.
- Repair of switchboards and control panels.
- Assembly of Naval and Industrial electrical equipment.
- Repair of naval and industrial electronic equipment.
- Repairs of power packs, electro-generators.
- Equipment and central alarm systems.
- Water treatment plants.
- Electrical installations, bilge separators, safety equipment.
- (LTMC) low tension service.





3.5. Other services Mechanical Services

- Cleaning, washing, degreasing, grit blasting and painting of all types of surfaces.
- Degasification of all kinds of tanks. Gas free tank testing, issuing due certificates etc.
- Tank cleaning.
- We are the authorized service representatives in the Canary Islands to perform the inspection and test of davits, winches and release gears, according with IMO MSC.1 / CIR. 1026 by INDUSTRIAS FERRI.
- Underwater repair and surveys



3.6. Ship Chandler

We offer general supplies of spares and consumable parts for rigs, vessels and all types of industry, both marine and onshore.

We have qualified staff for servicing the following brands:

ALFA LAVAL. Fuel and oil separators, desalinization plants and heat exchangers.

CHOCKFAST. Resin.

EUROPA. Governors.

FACET. Decanting filters.

GEFICO. Water generators, ion generators and bilge separators.

PHILLYBOND. Cold welding.

SCHALLER. Oil mist detector.

We supply spare parts of brands such as:

- BERGEN
- CUMMINS
- GUASCOR
- MAN B&W ALPHA
- MTU
- MWM
- NIIGATA
- PIELSTICK
- REINTJES
- SKODA
- STORK WEKPOOL
- WÄRTSILÄ
- YANMAR



Facilities adapted to any kind of needs





3.7. CCB Zamakona Offshore

After several years of work and maturity of the project the company CCB Zamakona Offshore, S.L. is a tangible and operational fact. The company is owned by the Norwegian multinational CCB, specialized in the offshore sector and by the Spanish Company Zamakona Yards specialized in the construction, reparation and conversion of vessels. The new company emerges to give assistance to the drilling rigs and FPSO's operating on the West African and South American coast in the strategic location that the Canary Islands offers to this industry.



“Achilles FPAL Oil & Gas
Verified Advance Registration Profile”





3.7. CCB Zamakona Offshore

Yard Services

Some of our services are:

- Renewal Survey
- Project planning and management
- Prefabrication
- Engineering
- Inspection
- Mechanical and machine
- Electro- & instrumentation
- Scaffolding
- HVAC
- Hydraulic
- Surface treatment
- Underwater & diving
- Hotel and Accommodations
- Ventilation
- Lifting operations
- Cleaning
- Interior work
- Low radioactive handling
- Waste handling and Management
- Repair of Drill equipment
- Load test





3.7. CCB Zamakona Offshore / Wärtsilä

Workshop



- Two (2) x Overhead cranes with 50 T capacity
- Three (3) x Overhead cranes with 5 T capacity
- 17 x 45 metres of service area
- Hook height: 11 meters
- Door dimensions: 7 m. wide x 9,5 m. high





3.7. CCB Zamakona Offshore

Office building

- Ground floor
Crew changing facilities
- First floor
Offices and meeting room for clients
- Second floor
Offices and meeting rooms for Sub-Contractors
- Third floor
Offices and meeting rooms CCB Zamakona Offshore





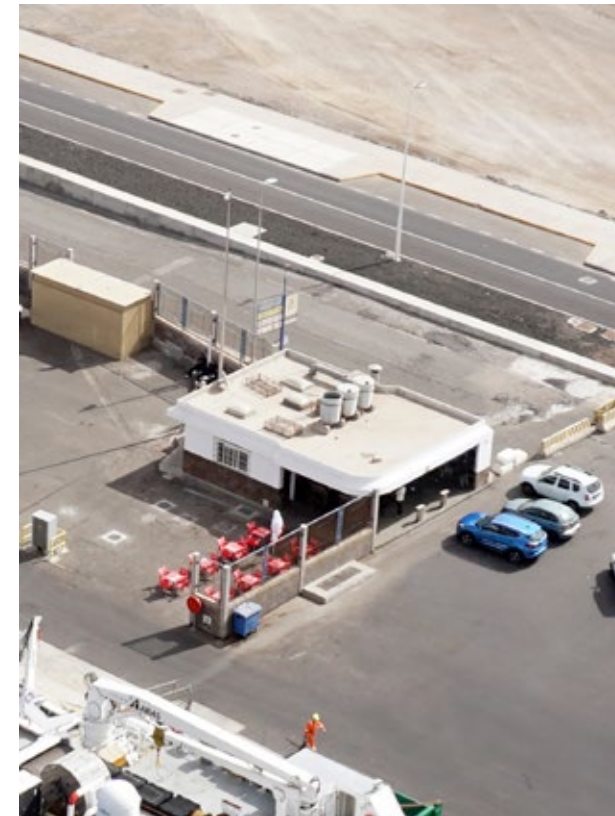
3.7. CCB Zamakona Offshore

Repair & Storage Area

600m. / 1968ft. x 16m. / 52.5 ft.



Restaurant/Coffee shop





3.7. CCB Zamakona Offshore

Clients - In the last 10 years, our group has worked in repairs and maintenance works for the following companies:

PLATFORM – OIL RIGS:

- | | | |
|-----------------------|-------------------------|---------------------|
| • CAJUN EXPRESS | • GSF JACK RYAN | • ODN TAY IV |
| • COSL PIONEER | • LA GAVIOTA | • SEDCO 710 |
| • DEEPWATER DISCOVERY | • MAERSK DISCOVERER | • SEDCO ENERGY |
| • EIRIK RAUDE | • NOBLE GLOBETROTTER II | • SEDCO EXPRESS |
| | • OCEAN CONFIDENCE | • SOVERIGN EXPLORER |



Scope of works completed.

TRANSOCEAN: Sedco Energy, Sedco Express and Jack Ryan

- Main engine laser alignment
- Main engine repairs
- Oil mist detector overhauling
- Refregiration systems repairs
- Installation of pipe lines of the Nitrogen Unit
- Built supports for the Nitrogen Unit LP tank and the N2 Generator
- Mount LP tank and N2 Generator
- Mount stainless steel pipe lines inside the Nitrogen Unit
- Install communication equipment on helideck
- Several electrical panels after fire damage
- Change out complete mud system
- Repairs on the cement circuit
- Provide welders for major repairs on Rig
- Carry out Non Destructive Testing on the welding seams

COSL: Cosl Pioneer

- Carry out Magnetic Particles Inspection on each welding seam
- Modification and construction of cable guides
- Supply materials and spare parts
- Electrical works
- Manufacturing of new railings

ODEBRECHT: ODN Tay IV

- Mayor repairs on trusters
- Pump repairs
- Engine repairs and service.
- Pipe repairs
- Pressure cleaning of pipe work
- Supply new pumps
- Electrical repairs

ODEBRECHT: ODN Tay IV

- Coflexip hoses cleaning and inspection
- Load test on deck cranes
- MPI inspection of riser joint
- Materials supplies



3.7. CCB Zamakona Offshore

Ship Repair

BOA GROUP
BOLUDA
BRIESE
BROOKLYN SHIPPING LTD-UK
EIDE MARINE SERVICES
EIDESVIK Offshore ASA
DOBSON
DOF MANAGEMENT AS
FUGRO
GULFMARK NORGE AS
HALLIN MARINE UK LTD
HYDRODIVE OFFSHORE INTL
MAINPORT INTERNATIONAL CORP.
NORDANE SHIPPING
OSM SHIPMANAGEMENT AS
POLSKIE RATOWNICTWO
RIEBER SHIPPING AS
SEACOR MARINE INTERNATIONAL
SEALION SHIPPING LTD
SEATRADE
SHANGHAI SALVAGE CO

SIEM OFFSHORE REDERI AS
SMIT
SUBSEA 7 MS LTD
SVITZER OCEAN TOWAGE BV
SWIRE PACIFIC OFFSHORE PTE LTD
TANANGER OFFSHORE AS
TIDEWATER MARINE NORTH SEA LTD
TRANS VIKING
TRICO SUPPLY AS
THOR PF
V SHIPS LTD
VESTLAND MARINE SP
VROON OFFSHORE SERVICES LTD UK



For the repair works on board in the platforms, our workers are certified by Warsash Maritime Centre and our services are certified according to the latest international standards (Bureau Veritas, Lloyd's, etc).

Further, Zamakona Yards has been approved as supplier/contractor to TRANSOCEAN and other major Oil & Gas companies.





3.8. Partnerships

We collaborate with the following companies:



Wärtsilä is a global leader in advanced technologies and complete lifecycle solutions for the marine and energy markets. The company enhances the business of its marine and oil & gas industry customers by providing innovative products and integrated solutions that are safe, environmentally sustainable, efficient, flexible, and economically sound.



MAN is a leading provider of large-bore diesel and gas engines and turbomachinery for marine and onshore applications.



World Leader in Non-Welded Piping Solutions.

GS-Hydro was founded in 1974 in Finland. GS-Hydro is the original provider and innovator of the non-welded flange connecting technology. We have since grown into an established and truly global non-welded piping solution provider.

Zamakona Yards represent the following brands:



One of the world's leading manufacturers of large diesel engines and complete propulsion systems.



Design, manufacturing and delivery of engines and energy plants.



Specialized in the design and manufacture of ancillary deck for equipment, systems and machinery.



World leader in Control Systems Technology.



The reliable, poured-in-place, epoxy resin chocking system used to install more than 40,000 main propulsion engines.



Specialist for diesel engine monitoring and protection systems.



The world-leading specialist in industrial alternators and drive systems, designs and manufactures highly innovative eco-technological solutions to serve the industrial and large-scale commercial sector markets.

To the greatest extent, we try to fulfill our clients' demands with our resources and employees in a professional and efficient manner.

Please, don't hesitate to contact us for any question or more information about our products and services.

You can reach us by phone at our Main offices: +34 928 46 75 21, e-mail: info@zamakonayards.com or through our commercial Agents by email: info@zamakonayards.com



3.9. International Agents

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Email : shipyards@delmarmarine.com

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Web: www.cet-hamburg.com

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Japan

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Email : miyagi@repnaval.com

We are strategically located to repair and support your vessels

Greece

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SERVICES LTD.

Dikeos Glezakos

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maritime international enterprises
denizcilik ve ticaret ltd. şti.

Palladium Ofis ve Residence Binası
Barbaros Mah. Halk Cad. No:8/A
Ofis No: 214 34746
Ataşehir-Istanbul-Türkiye

Phone : +90 216 6636078
Mobile: +90 549 3031997
Fax : +90 216 6636100



Pasaia
Bilbao
Canary Islands

Las Palmas Port, a quiet place for a safe work





Quality certifications

Zamakona Yards is committed to provide the highest quality services with Occupational Risk Prevention and respect for the environment in all of our activities. We work under the following basic principles in order to continually achieve the following objectives:

- Continual improvement process, guaranteeing control of all the company's elements that could affect the environment or the health of our workers. We always are improving the quality performance in order to promote the efficiency and effectiveness of our services.
- Integrate, through a flexible organization without duplication of tasks the QA/QC and Safety, Health and Environment Managements Systems into all our operations, activities and services.
- Maintain direct contact with our clients and interested external parties in order to tailor our services to the current needs and to meet environmental requirements as well as of the related with the occupational safety and security.
- Achieve service efficiency respecting the environment and the safety and health of our workers, considering the possible repercussions of our activity has on the environment and the staff.

All companies of Zamakona Yards are fully ISO certified:



Commitment to quality



HSEQ activities are the highest priority within our company. Zamakona Yards address HSEQ in detail and ensure a high HSEQ standard throughout the whole organization.

The company's management board has formulated policies for safety, security, occupational health and working environment, and environmental management. Measurable targets are set for each on shore and offshore unit to ensure compliance with the laid down policies and maintain a continuous improvement cycle. Personnel training and familiarization is recognized as one of the key activities in our group to achieve a good HSEQ culture and minimize risks. We work closely with our clients to minimize risks and to embrace new policies.



C780 - ESVAGT DANA



Clients

Newbuilding

- ADENIA FISHING COMPANY LTD.
- ARAB PETROLEUM PIPELINES COMPANY "SUMED"
- ATLANTIC OFFSHORE
- BOLUDA
- CONSEIL GENERAL DE LA GIRONDE
- CORY TOWAGE
- DUBLIN PORT AND DOCKS BOARD
- ECHEBASTAR FLEET
- ENTERPRISE PORTUAIRE DE DJEN – DJEN
- ESVAGT A/S
- FAIRPLAY
- FLOTA SUARDIAZ
- GRAIG
- HODEIDAH PORT AUTHORITY
- IBAIZABAL / PETRONOR
- OFFICE D'EXPLOTATION DES PORTS "ODEP"
- ØSTENSJØ
- PORT AUTHORITY BILBAO
- PORT AUTHORITY HAIFA
- PORT AUTHORITY LAS PALMAS
- PORT AUTHORITY SEAPA
- REYSER
- ROYAL ARTIC LINE, A/S
- RIMORCHIATORI RIUNITI SPA
- SARTOR
- SEABULK INTERNATIONAL
- SEACOR MARINE INTERNATIONAL
- SERTOSA
- SOCIEDAD DE SALVAMENTO MARÍTIMO "SASEMAR"

- SOLVTRANS AS
- SUNBEAM FISHING CO. LTD.
- SVITZER MARINE LTD.
- SVITZER OCEAN TOWAGE BV
- TRANS VIKING
- URAG
- VIKING SUPPLY SHIPS AS
- VROON OFFSHORE SERVICES LIMITED
- VROON OFFSHORE SERVICES LTD UK
- WIJSMULLER

Repair

- ALPHA SHIPPING
- BARRALLON, S. A.
- BNR
- BOA GROUP
- BOJEN
- BRANDT
- BRIESE
- BROOKLYN SHIPPING LTD-UK
- COMPAGNIE NATIONALE DE NAVIGATION INTERIEUR
- CORK HARBOUR COMMISSIONERS
- DÉLÉGATION À LA SURVEILLANCE DES PÊCHES ET AU CONTRÔLE EN MER
- DOBSON
- DOF MANAGEMENT AS
- EIDE MARINE SERVICES
- FAIRPORT SHIPPING
- FLOTA SUARDIAZ
- FEHN
- FRED OLSEN
- FUGRO
- GIBRALTAR BAY SHIPPING LTD
- GOBIERNO DE INDONESIA

- HS SHIPPING
- INSTITUT MAURITANIEN DE RECHERCHE
- INSTITUTO CANARIO DE CIENCIAS INS A.C.I.I.S.I. PREC. DE GOBIERNO
- INSTITUTO COSTARRICENSE DE PUERTOS DEL PACÍFICO
- INTERORIENT
- JAMES DUTHIE AND PARTNERS
- JAPAN TUNA FISHERIES C.O.
- KATLA SEAFOOD
- LASKARIDIS SHIPPING CO LTD
- MARINE CARRIER AB
- MARINE NATIONALE DE MAURITANIE
- MAURITIUS PORT AUTHORITY
- MIDEN SYSTEMS
- MINISTERE DES PECHEES ET DE L'ECONOMIE MARITIME
- MARCHANDE
- MARFRET
- MASOEL
- MASTERMIND SHIP MANAGEMENT
- MICROPERI
- MORE OF ROMSDAL FYLKESBAATAR AS
- MSC
- NAVIERA ARMAS, S.A.
- NICOLAKIS SHIPPING
- NIMMRICH & PRAHM
- NORBULK
- NORDANE SHIPPING
- NORTHERN MARINE MANAGEMENT
- OCEANOGRAPHIQUE ET DE PECHE
- OCEANWIDE MARINE SERVICES
- OFFSHORE SERVICES LTD
- ORDINO SHIPPING, S. A
- PARLEVLIET & V.D. PLAS B.V.
- POLSKIE RATOWNICTWO
- PORT AUTHORITY PASAJES
- REEDEREI MEYERINGRENAVE
- SEALION SHIPPING LTD
- SEATRADE
- SHANGHAI SALVAGE CO

- SMIT
- SOCIETE ALBIR MAROC, S. A.
- SOGEPORTS
- STRAHLMANN
- SUBSEA 7
- THOR PF
- TRANSPORTADORA DE SAL DE C. V., S. A.
- TRICO SUPPLY AS
- USC BARNKRUG
- V SHIPS LTD
- VESTLAND MARINE SP
- VETCO GRAY – GE OIL & GAS
- WAGENBORG
- WAPPEN REEDEREI

PLATFORM – OIL RIGS

- COSL
- DIAMOND OFFSHORE
- MAERSK DRILLING
- NOBLE DRILLING
- OCEAN RIG
- ODEBRECHT
- ODFJELL DRILLING
- PETROSERV MARINE
- SEA DRILL
- STENA DRILLING
- TRANSOCEAN

At your service 24/7





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CANARY ISLANDS

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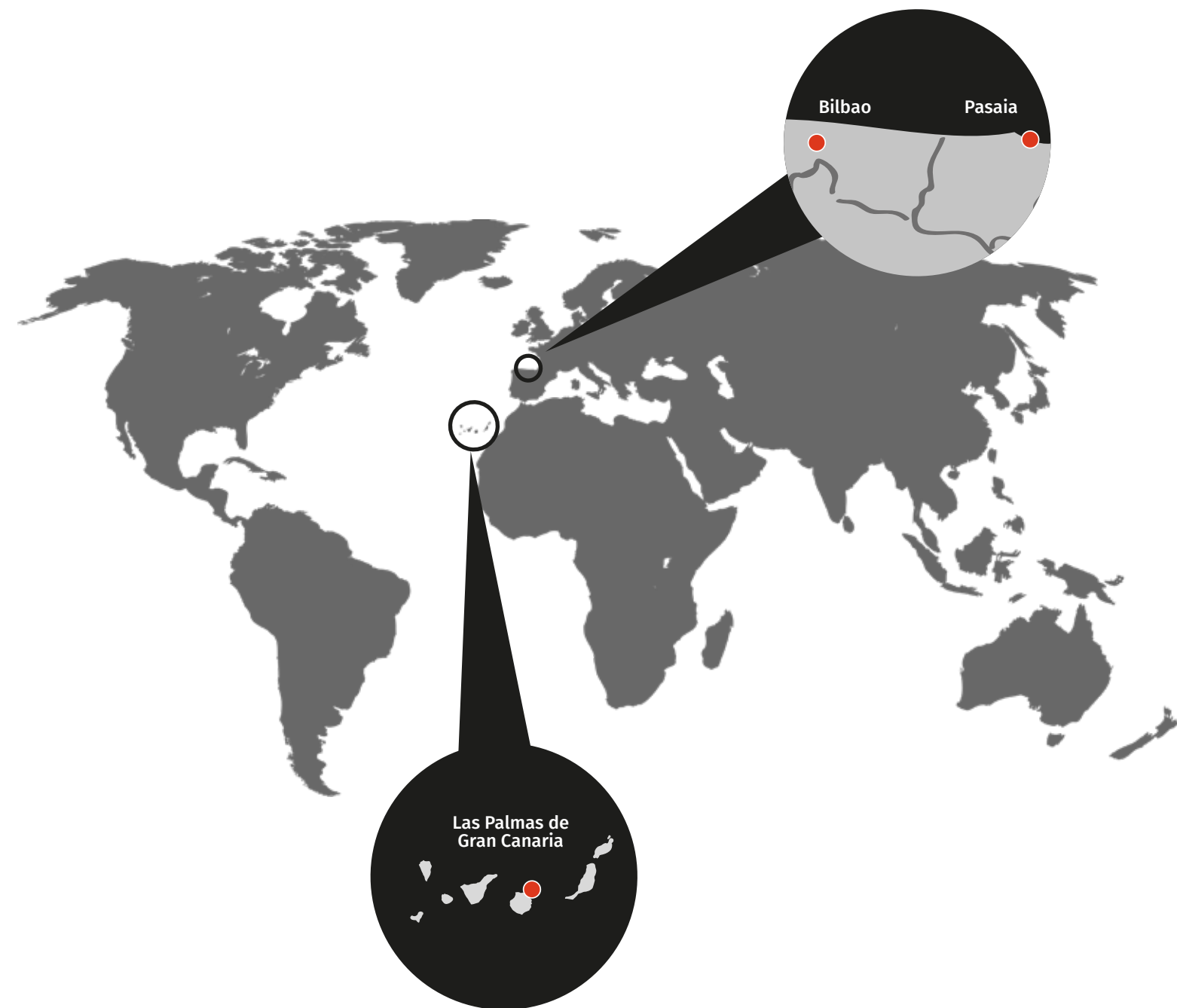
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