



**Astilleros ZAMAKONA, S.A.**  
**AZ in BILBAO**

Puerto Pesquero s/n  
E-48980 SANTURCE  
Spain  
Email zamakona@zamakona.com  
Tel. +34 944 937 030  
Fax +34 944 612 580



**Astilleros ZAMAKONA PASAIA, S.L.**  
**AZP in PASAJES/SAN SEBASTIAN**

Bordalaborda, s/n  
E-20110 PASAJES  
Spain  
Email astilleros@pasaia.com  
Tel. +34 943 344 100  
Fax +34 943 515 296



**REPNAVAL in LAS PALMAS**

CIA. Trasatlántica Española, S/N  
Puerto de Las Palmas  
E-35008 LAS PALMAS  
Gran Canarias  
Spain  
Email repnaval@repnaval.com  
Tel. +34 928 466 168  
Fax +34 928 466 177

# ZAMAKONA YARDS

ZAMAKONA YARDS is a leader in global response to the needs of the shipping industry, covering construction of custom built vessels up to 120 m length, but also repairing vessels, and giving assistance and maintenance.

In terms of both capacity and technology, it stands at the cutting edge in the construction of high-tech multi-purpose vessels.

From its yards in BILBAO ( Astilleros Zamakona) and PASAJES/SAN SEBASTIAN (Astilleros Zamakona Pasaia), ZAMAKONA YARDS covers the Atlantic coast of Europe .

From LAS PALMAS in the Canary Islands, the group's shipyard REPNAVAL and the specialized related companies, NAPESCA, IRCESA and ASINAVAL, cover the South Atlantic, providing excellent response capabilities for assistance, repair and conversion works.





**REPNAVAL SHIPYARDS**  
Repair shipyard



**ZAMAKONA PASAIA SHIPYARDS**  
New building & repair shipyard

"Astilleros Zamakona S.A. was founded in 1914 and has developed over the time into a group of shipyards and related firms under the name of ZAMAKONA YARDS

In this tough and complex field, ZAMAKONA has a long, proven track-record, with a commitment to continuous improvement that has enabled the group to offer solutions tailored to the precise needs of the Clients".

# Quality World



"If we are thinking in terms of Quality Assurance, we must pay attention to the toughest criterias and regulations.

The old mentality "anything goes" will take us nowhere. Today we must offer what we would like for ourselves, and not just a job well done. We wish to contribute personally, and as a company to be better, and more friendlier to the Environment".

Pedro Garaygordobil - Chairman -



commitment for progress

# Commitment for Progress



"The Group's commitment to adjust the objectives to the requirements to improve and progress in the Market and the Society must be carried through every process and applied on every new project that we undertake.

Quality, training and environmental friendliness are essential if we are to tackle the modern Challenges".



# Intelligent Ressources



## ASTILLEROS ZAMAKONA

- 2 slipways for vessels up to 5.500 t & 4.300 t.
- 140 m outfitting quay.
- 3 outfitting cranes.
- 1 x 240 t gantry crane for service & block prefabrication.
- 4 covered workshops with gantry cranes.
- High-speed plasma cutting equipment.
- And all the facilities for pipe-work, plate-work & electrical work.



## ASTILLEROS ZAMAKONA PASAIA

- 2 covered slipways with 2 launching cradles for up to 25 m beam
- 2 slipways
- One 110m long floating dock with 4.900 t lifting capacity
- 400 m outfitting & repair quay
- 6 outfitting cranes
- 6 covered workshops with gantry cranes & automatic loading systems
- Specific ship repair equipment (horizontal lathes, grinders, paintwork, etc.)
- 1 x 130 t gantry crane for service & block prefabrication
- Robotized profile cutting line



## REPNAVAL & NAPESCA

- Repair, conversion and maintenance work on vessels up to 3000t.
- 5 slipways for vessels up to 126 m in length, 17,50 m breadth
- Dry-docking, layovers, scaffolding, mobile equipment, auxiliary vessels & divers.
- Lathes, fixed & portable boring machine, burnishing machines, ultrasound machine, laser alignment, portable grinding machine, shears pantograph flame cutting machine, bending machine, press-brake, etc.





The Design Office is staffed by more than 20 Technicians, Naval Architects and Engineers, who use the latest CAD programs like Foran, Autocad, Defcar, Lantek, etc...



Technology



# Vessels

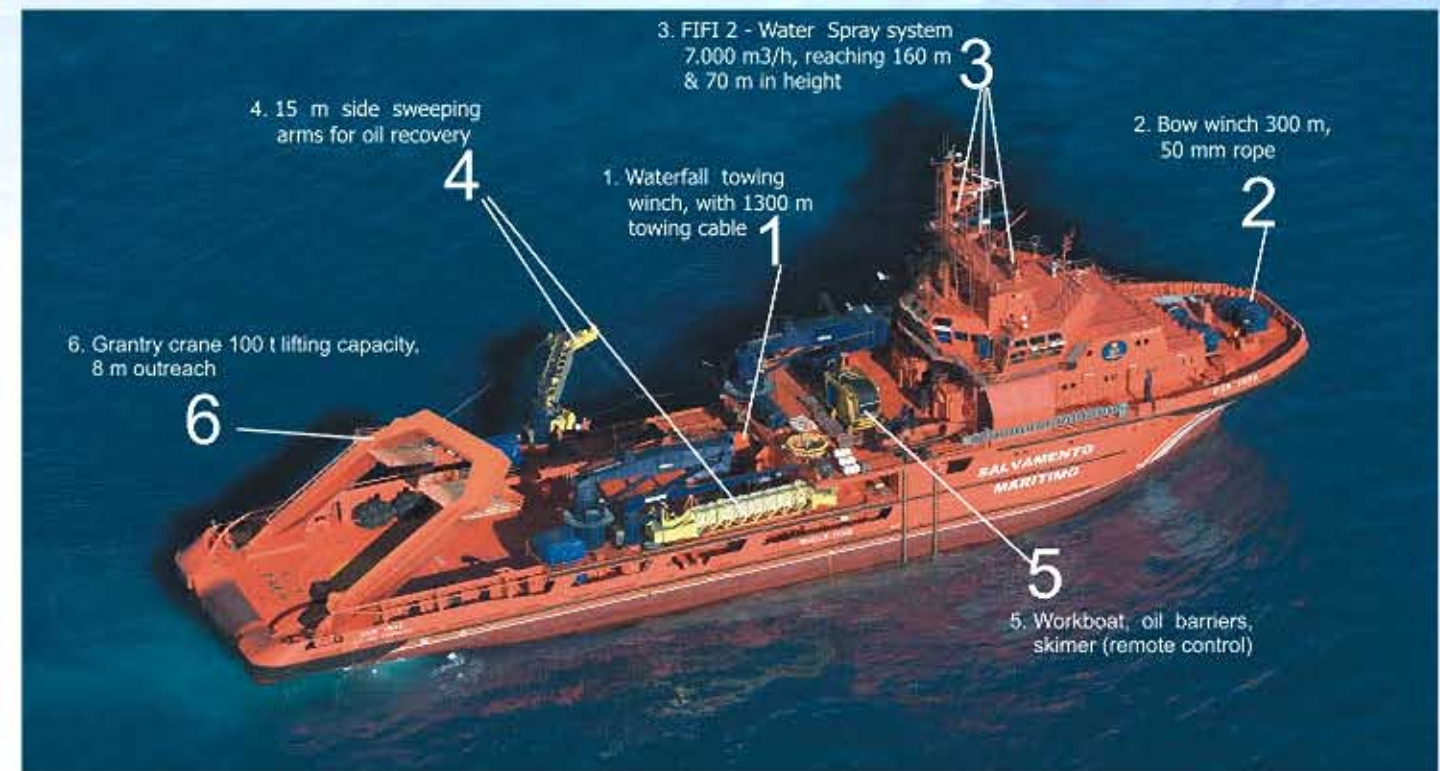


Zamakona produces custom built vessels of all types:

- Multi-purpose deep-sea & ring assistance vessels.
- Port & escort tugs.
- Advanced fishing vessels.
- Ferries.
- Tankers.
- Tankers.
- Buoy maintenance vessels.
- RORO harbour ramps.

In few words, we build to meet our Client's his needs.





Innovation and Technology allows the development of complex vessels with highly sophisticated, specific characteristics, e.g. Neptune class multi-purpose vessels, Viking class FSVs (field support vessels) and Botnia class AHTS supply vessels.



# Towage



Zamakona tugs are renowned for their capacity, their safety and their productivity. Prestigious vessels which operate in over 80 countries and offer the necessary technologies and characteristics, however tough the works are.



# Fishing



Zamakona's commitment to the fishing industry is evidenced by the fact that it has built more than 80 fishing vessels, ranging from 25 to 80 m in length, including pelagic tuna purse-seiners, trawlers, deep sea trawlers, freezers and factory ships.

Zamakona's fishing vessels are renowned for their extraordinary robustness and high standards of the accommodations, achieved with the most advanced building methods.





 **Welcome on board**



# Repairs and Conversions



Zamakona in its shipyards of SANTURCE/BILBAO and PASAJES, in the Bay of Biscay offers a large scope of repair and supply services. Zamakona,s Yard REPNAVAL, which is strategically located in the Canary Islands, on the specific trading routes to South Africa and America, offers a broad scope of ship - repair and supporting services, either in their facilities, afloat or en route.



All work is guaranteed under ISO standards & the classification standards required by the customer.



# Maintenance

At ZAMAKONA, Vessel Maintenance & Repair is given special in way of offering short stays, reliability and guarantees.



ISO 9001 ISO 14001 OHSAS 18001  
IAC IAC IAC  
EMPRESA CERTIFICADA EMPRESA CERTIFICADA EMPRESA CERTIFICADA

commitment for progress

Service



Service is an area that receives special attention over and above merely meeting specifications and deadlines. Our high standards of personal attention and all the resources that we have available are oriented towards personal and overall cooperation with the customer.



# YARDS

● ASTILLEROS ZAMAKONA S.A.  
Puerto pesquero, s/n  
48980 SANTURCE - BILBAO - SPAIN  
Phone: (34) 94 493 70 30  
Fax of. Ppal.: (34) 94 461 25 80  
Fax of. Tec.: (34) 94 483 16 02  
e-mail: zamakona@zamakona.com  
web: www.astilleroszamakona.com

● ASTILLEROS ZAMAKONA PASAIA, S.L.  
Bordalaborda, s/n  
P.O. Box: 108  
20110 PASAIA - SAN SEBASTIAN - SPAIN  
Phone: (34) 943 344 100  
Fax: (34) 943 515 296  
e-mail: astilleros@pasaia.com

● REPNAVAL  
CIA. Transatlántica Española, s/n REPNAVAL  
Dársena Exterior. Puerto de Las Palmas  
35008 LAS PALMAS DE GRAN CANARIA - SPAIN  
Phone: (34) 34 928 466 168  
Fax: (34) 928 466 177  
www.repnaval.com  
e-mail: repnaval@repnaval.com



Other specialized industry of the Zamakona group

