



**GLOBAL  
RENEWABLES  
SHIPBROKERS**

# VESSEL PORTFOLIO



**ANY  
VESSEL  
ANYTIME**



# YOU THINK OFFSHORE – WE FOLLOW YOUR THOUGHTS!

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A vessel for construction works at sea? An installation vessel for wind turbine generators or a sale and purchase deal for offshore tonnage? We make your enquiry to our challenge. As independent shipbrokers we are able to focus always and only onto our customers' needs.

GRS is familiar with the world market and can rely on longstanding contacts throughout the marine industry, thereby GRS offers a full service in brokerage for offshore tonnage, either for wind, wave or tidal renewable energy. Independent and comprehensive!

## OUR SERVICES – YOUR ADVANTAGE!

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- **Chartering**  
The right vessel for any set of requirements
- **Sale & Purchase**  
Success-oriented negotiations between Buyers and Sellers
- **Maritime Services**  
More time for your core business
- **Equipment**  
The right offshore equipment for any set of requirements
- **Cargo Run**  
Decrease your offshore supply trip costs by up to 30%: with the GRS-Cargo-Run.

**ANY  
VESSEL  
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# WE HAVE THE VESSELS – YOU HAVE THE CHOICE

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Experience and know-how turn GRS into your charter specialist for offshore tonnage and equipment in the field of renewable energy. Our independence is your advantage! As Global Renewables Shipbrokers neither owns vessels nor is associated with any ship owners we are free to create an individual solution for our customers.

## **Our Chartering services for you:**

- Guidance on current market conditions
- Recommendation of alternative charter options, such as trip, time and bare boat charter
- Assisting and conducting contract negotiations
- Preparing charter contracts and all related contract documentation

## **Our Sale & Purchase Service:**

- Advice on vessel availability and market prices
- Accompany and conducting contract negotiations
- Concluding all required contractual agreements
- Suggesting alternative financial structures
- Tendering of shipmanagement services

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## CRANE VESSEL

Vessel for lifting/transporting heavy offshore structures

Heavy lift crane vessels are mainly used as work ships to transport and install offshore structures and come in various dimensions and crane capacities that far exceed 12,000 t, depending on each offshore project's requirements. The vessels are often designed as multihulls to ensure a stable position in the water. Usually, their deck has ample space and is very strong in order to carry heavy, bulky parts and components.

Request your Crane Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 HELICOPTER DECK
- 2 DP 2
- 3 CRANE
- 4 SPACIOUS ACCOMMODATION
- 5 LARGE DECK
- 6 BALLAST TANKS



## INSTALLATION VESSEL

Jack up crane vessel for installing wind turbines

Installation vessels are specialised for installing foundations and offshore wind turbines. Main features are a heavy lift crane with a load handling capacity of 300 to 1,500 tonnes and a jacking system that enables the crane vessel to carry out tasks regardless of swells. Installation vessels these days are around 130 m long and 40 m wide. Using its jacking system with legs, this type of vessel can work in water depths of 45 m and more.

Request your Installation Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

### Hotspots

- 1 HEAVY LIFT CRANE
- 2 JACKING SYSTEM
- 3 DP 2
- 4 SPACIOUS ACCOMMODATION
- 5 HELICOPTER DECK
- 6 LARGE DECK



## GUARD VESSEL

Vessel for securing offshore construction sites

Guard vessels secure the site during the construction stage of an offshore wind farm, a substation platform or a cable route. The vessel constantly monitors marine traffic near the construction site visually and with radar and AIS and guides external vessels how to safely get past the site. Guard vessels' essential features include being able to stay offshore up to 30 days and longer and great seaworthiness combined with high service speeds.

Request your Guard Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 POWERFUL ENGINE
- 2 FAST RESCUE BOAT
- 3 EXTENSIVE BRIDGE EQUIPMENT
- 4 VERY LONG SEA ENDURANCE



## PLATFORM SUPPLY VESSEL (PSV)

Vessel for transporting construction materials and equipment

PSVs typically transport construction materials and equipment. In the offshore wind market PSVs are frequently used to transport individual wind turbines and foundation parts and are involved in supply and waste disposal for offshore transformer stations. The vessels have various tanks and powerful pumps for all liquid goods as well as a large open cargo deck which can be used to stow unwieldy cargoes and containers.

Request your PSV at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 LARGE CARGO DECK
- 2 STORAGE TANK CAPACITIES UNDER DECK
- 3 DP 2
- 4 FIRE FIGHTING EQUIPMENT





## CONSTRUCTION VESSEL

Multifunctional construction vessel for offshore operations

Construction vessels are used for subsea construction projects such as laying cables and installing foundations or tidal power plants. These vessels are usually equipped with a DP system and a helicopter deck for offshore crew changes. The AHC-crane onboard can be used to load heavy components in deep water and swells or maintain wind turbines and foundations. Also diving and ROV tasks can be carried out with these vessels.

Request your Construction Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

### Hotspots

- 1 HELICOPTER DECK
- 2 DP 2
- 3 AHC-CRANE
- 4 SPACIOUS ACCOMMODATION
- 5 ROV HANGAR
- 6 LARGE DECK
- 7 STREAMLINED BOW SHAPE
- 8 POWERFUL ENGINE



## ANCHOR HANDLING TUG (AHT)

Tug for assisting and towing drilling platforms

These all-purpose vessels are mainly used for towage, anchoring and installation operations as well as supply services and also as dive support vessels. AHTs are often equipped with a dynamic positioning system that enables them to maintain precise positions in offshore locations over long periods and under a wide range of weather conditions. Powerful winches serve to tow drilling platforms and recover large drilling platform anchors offshore.

Request your AHT at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 DP 2
- 2 SPACIOUS ACCOMMODATION
- 3 OFFSHORE CRANE
- 4 TOWING GEAR



## CABLE LAYING VESSEL

Specialist vessel for laying sub-sea cables

Cable laying vessels are used for laying sub-sea cables and are also able to retrieve broken or damaged sub-sea cables and repair them on board. Sub-sea cables are buried in the sea floor by the cable layer using a special plough. A DP system enables the vessel to remain in a precise position above the defined cable route. Today, the largest cable layers can stow and lay up to 7,000 tonnes of cables on board, usually stowed spirally in a cable carousel (horizontal rotating table).

Request your Cable Laying Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 CABLE CAROUSEL
- 2 LARGE DECK
- 3 A-FRAME
- 4 DECK CRANE
- 5 DP 2
- 6 SPACIOUS ACCOMMODATION



## SURVEY VESSEL

Vessel for geological, visual, biological underwater investigation

Survey vessels are deployed prior and during the construction of offshore wind farms for a wide variety of hydrographic and geophysical soil investigations. These vessels are equipped with e.g. firmly installed measuring and sonar systems, multibeam, special mounts for measuring devices, laboratory workstations, outdoor workplaces, fishing gear, cranes, fast winches and in some cases a DP system that guarantees safe working close to offshore structures.

Request your Survey Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 MOUNTS FOR SURVEY EQUIPMENT
- 2 SPACIOUS ACCOMMODATION
- 3 LABORATORY WORKSTATIONS
- 4 A-FRAME



## FIELD SUPPORT VESSEL

Survey vessel for maintenance and operation of offshore structures

These vessels offer multiple flexible services in the area of underwater support, ROV operations, accommodation facilities, stand by services, fast rescue craft services and the usual supply functions. A field support vessel is equipped with a very stable platform and with excellent dynamic positioning capabilities. A vast range of built-in functions allows charterers to meet changing requirements without expensive modifications.

Request your Field Support Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 FAST RESCURE CRAFTS
- 2 SPACIOUS ACCOMMODATION
- 3 DP 2
- 4 FIRE-FIGHTING EQUIPMENT
- 5 WINCH DECK
- 6 MID-SIZED CARGO DECK



## DIVE SUPPORT VESSEL (DSV)

Vessel for installing and servicing offshore structures

DSVs are mainly used as installation and maintenance ships for offshore structures and combine construction and diving tasks. Equipped with dive systems, these vessels can be deployed in both coastal waters and deep sea areas and are able to remain in the exact position due to multiple point anchoring or a DP system. On many DSVs diving bell, diving lifts, ROVs and hyperbaric chambers and cranes are permanent fixtures.

Request your DSV at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 HYPERBARIC CHAMBERS
- 2 DP 2
- 3 AHC-CRANE
- 4 SPACIOUS ACCOMMODATION
- 5 HELICOPTER DECK
- 6 ROV HANGAR



## TUGBOAT

Vessels used for towage, transport and assistance

Tugs have a powerful propulsion system and are used in the offshore market for towing and positioning pontoons and installation vessels. Furthermore, tugs are deployed for salvaging and dredging works. The power of a tugboat varies according to type. An essential measure is known as bollard pull, which is measured in tonnes. The range spans from 30 tonnes to large offshore units with bollard pull capacities of up to 250 tonnes.

Request your Tugboat at  
[www.grs-offshore.com](http://www.grs-offshore.com)

### Hotspots

- 1 BOLLARD PULL
- 2 WINCHES
- 3 POWERFUL PROPULSION SYSTEM
- 4 FIRE FIGHTING EQUIPMENT



## MULTICAT

Multi-purpose workboat for offshore works,  
transport, dredging

Multicats are all-purpose vessels and used for a variety of tasks in the offshore sector. Key tasks are towing offshore construction vessels and handling anchors and navigable water buoys. The vessels are equipped with powerful winches, one to two offshore cranes as well as a spacious flat deck. More and more Multicats are being equipped with DP in order to extend their flexible range of operations. Due to their low draught Multicats are able to operate in shallow-water.

Request your Multicat at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 VERY LOW DRAUGHT
- 2 CRANES
- 3 DP SYSTEM
- 4 WINCHES





## SHOALBUSTER

Multi-purpose workboat for offshore work,  
transport and wet dredging

Shoalbusters are multi-purpose vessels, used for a variety of tasks in the offshore sector. The vessels are equipped with powerful winches, an offshore crane and a wood-planked deck. A powerful propulsion system enables the vessel to safely manoeuvre even in strong ocean currents. Key tasks are towing offshore construction vessels, handling anchors and navigable water buoys. Shoalbusters can operate in shallow-water due to their low draught.

Request your Shoalbuster at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 BOLLARD PULL
- 2 CRANE
- 3 WINCHES
- 4 BOW FENDERS



## CREW TRANSFER VESSEL (CTV)

Vessel for transporting personnel and spare parts offshore / to wind parks.

CTVs are mainly used to transport offshore personnel and smaller cargo units. A small to medium-sized deck crane and a fuelling system for wind turbine aggregates add to the versatility of this vessel type. The fender system at the bow helps the vessels to approach the access ladder of a wind turbine or an accommodation vessel and facilitates safe boarding. Depending on the design, CTVs achieve a speed of between 20 and 30 knots and can transport 12 to 24 passengers.

Request your CTV at  
[www.grs-offshore.com](http://www.grs-offshore.com)

### ○ Hotspots

- 1 12 - 24 PASSENGERS
- 2 CARGO DECK
- 3 FENDER FOR SAFE BOARDING
- 4 CRANE
- 5 TRANSFER SYSTEM
- 6 HIGH TRANSFER SPEED



## ACCOMMODATION VESSEL

Accommodation vessel for housing offshore workers at sea

Offshore accommodation vessels are used as hotel ships in direct proximity to the construction site. Separate landing platforms allow offshore workers to board the CTVs and a helicopter deck is available for crew change. The vessels frequently serve as a construction office at sea with various communication and conference rooms. Many vessels also provide sufficient storage for offshore spare parts and workshops for various types of repair works.

Request your Accommodation Vessel at  
[www.grs-offshore.com](http://www.grs-offshore.com)

### ○ Hotspots

- 1 COMFORTABLE ACCOMMODATION
- 2 BOAT LANDINGS
- 3 HELICOPTER DECK
- 4 OFFICES AND CONFERENCE ROOMS
- 5 STORAGE AREA
- 6 VERY LONG SEA ENDURANCE



## ACCOMMODATION PLATFORM

Offshore accommodation  
platform for personnel and equipment

Accommodation platforms are used during installation and commissioning of offshore substation platforms. These type of accommodation can help to provide good working and living conditions for offshore personnel for months. Along with this, the platform is equipped with catering areas, sanitary facilities, workshops, storage areas, offices and space for leisure activities. Almost all offshore accommodation platforms are equipped with helicopter landing decks.

Request your Acco Platform at  
[www.grs-offshore.com](http://www.grs-offshore.com)

### Hotspots

- 1 SPACIOUS ACCOMMODATIONS
- 2 CRANES
- 3 HELICOPTER DECK
- 4 JACKING SYSTEM



## MINI CTV

Small crew transfer vessels

Mini-CTVs are used for the rapid transport of offshore personnel and smaller spare parts or tools. These boats can transport up to 12 passengers and achieve a speed of between 30 and 40 knots. The fender system at the bow enables the passengers to embark safely. The vessels can be loaded on board a field support vessel offshore and launched into the water by crane or launch system. The superstructures provide good protection for passengers in a wide range of weather conditions.

Request your Mini-CTV at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 FENDER FOR SAFE BOARDING
- 2 POWERFUL PROPULSION SYSTEM
- 3 12 PASSENGERS
- 4 SUITABLE FOR A VARIETY OF TASKS



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# EQUIPMENT PORTFOLIO

## WE HAVE THE EQUIPMENT - YOU HAVE THE CHOICE

Which type of offshore equipment may we source for you?

GRS is your independent offshore equipment broker for chartering and sale & purchase, specialized in the offshore renewables market.

Get in touch with us for your offshore equipment enquiry!



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## RIGID INFLATABLE BOAT (RIB)

Boat for personnel transport

RIBs are mainly used for the rapid and flexible transport of offshore personnel and for rescuing castaways. These boats can transport up to 10 people and achieve speeds of between 30 and 50 knots. A fender system can be installed on the bow to enable the boat to approach the access ladder of a wind turbine or accommodation vessel. The buoyancy of air tubes makes this type of vessel extremely seaworthy and allows it to be safely manoeuvred even in choppy seas.

Request your RIB at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 POWERFUL PROPULSION SYSTEM
- 2 SUITABLE FOR A VARIETY OF APPLICATION TASKS
- 3 JOCKEY SEATS
- 4 SMALL CARGO DECK



## BARGE/PONTOON

Pontoon for transporting large / heavy elements

Barges, flat top barges and pontoons for heavy loads are used for shipping and interim storage of wind turbines, rotor blades, monopiles, jacket foundations and all other large and heavy elements in the offshore sector. In addition to standard flat top barges, the market offers different special barges for heavy load, floating loads and barges for launching steel constructions or jacket foundations.

Request your Barge at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 BALLASTABLE
- 2 FLEXIBLE LOCKS & LASHINGS
- 3 REINFORCED DECK
- 4 MULTIFUNCTIONAL





## REMOTELY OPERATED VEHICLE (ROV)

Dive robot for underwater operations

ROVs are used for a variety of underwater tasks and inspections on offshore structures in water depths of a few meters up to thousands of meters. These robots are launched from a vessel or a platform and are remotely controlled with an umbilical cable. Smaller ROVs are equipped with cameras for visual inspections and bigger ROVs also have flexible tools. Typically, a ROV is operated and maintained on board by a team of up to six members.

Request your ROV at  
[www.grs-offshore.com](http://www.grs-offshore.com)

## Hotspots

- 1 POWERFUL THRUSTERS
- 2 MANIPULATORS
- 3 CAMERAS/SONAR
- 4 UMBILICAL CABLE



## HELICOPTER

Helicopter for offshore personnel and equipment transfer

Specially equipped helicopters transfer personnel and equipment to offshore wind farms. Above all, helicopters are the fastest and safest means of transport for rescue operations. A service speed of 250 to 300 km/h and an operating range of 800 km result in particular benefits in respect of time. Moreover, a helicopter is still able and allowed to fly at wind speeds where accessing the turbine from the service vessel is no longer possible.

Request your Helicopter at  
[www.grs-offshore.com](http://www.grs-offshore.com)

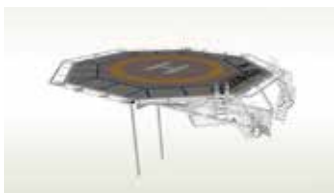
## Hotspots

- 1 6 - 24 PASSENGERS
- 2 LENGTH OF 10 - 19 METRES
- 3 ROTOR DIAMETER 10 - 17 METRES
- 4 HIGH TRANSFER SPEED



## ACCOMMODATION MODULES

For creating more living space on vessels:  
mobile, flexible to use and stackable.



## HELICOPTER DECK

For creating more transfer flexibility on vessels, jack ups or substations: new or second hand helicopter decks for sale or rent.



## GANGWAY

Fixed or telescopic gangways between 10 and 40 meters  
long and available in different configurations.



## TRANSFER SYSTEM

On high seas, these systems will safely transfer both staff and cargo from a ship to a fixed platform.



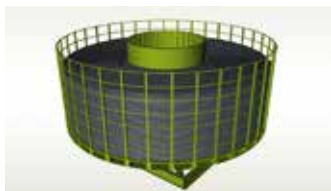
## A-FRAME

New or second hand A-frames with lifting capacities up to 350 tons and a working radius tailor made to suit any vessel design.



## INSTALLATION EQUIPMENT

All kind of cable installation equipment: for loading, unloading or laying of subsea cables.



## CAROUSEL SYSTEM

Cable carousel for transportation or storage, available in different sizes for sale and rent.



## CRANE

New build or second hand offshore cranes are available in various sizes and can be modified for specific customer requirements.



## MOORING SYSTEM

Mooring systems for mooring lines, anchors and connectors, used for station keeping of a ship or floating platform.



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# CARGO RUN

## TANGIBLE ADVANTAGES - GRS CARGO RUN

Decrease your offshore charter costs by up to 30%:  
with the GRS-Cargo-Run.

- INDIVIDUAL CARGO RUN
- TEAM CARGO RUN
- JUMP ON CARGO RUN
- GRS CARGO RUN SERVICES

### YOUR BENEFITS:

- Significant cost and time savings
- Securing of tonnage availabilities
- Greater flexibility
- Less environmental impact



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# MARKET INTELLIGENCE

## MARKET INTELLIGENCE - GRS GUIDES YOU THROUGH THE MARKET

- UP-TO-DATE DATA REPORTS
- CUSTOMISED STUDIES
- DETAILED MARKET ANALYSES

Send us your individual request and we will provide you with your tailor-made study or report.



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VESSEL  
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# 3D-VESSEL PORTFOLIO

**VISIT OUR WEBSITE  
FOR THE 360° VIEW**

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Find and explore all vessel types in our 3D-Vessel Portfolio.



**3D  
360°**





# GET IN TOUCH WITH US – FOR YOUR OFFSHORE ENQUIRY

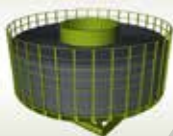
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