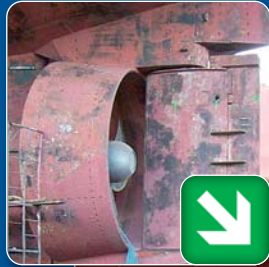


# Service & Repair

Becker Marine Systems is a world market leader for state of the art Rudder, Duct and Nozzle systems. Our technical team spends their efforts and experiences together to design reliable, robust and good performing manoeuvring systems.

With thousands of our systems installed – some of them already being in service for decades – it is most important to us to provide you with the best possible After Sales Service. Whatever the query or problem you may have regarding your vessel, our Service Team of experienced naval engineers is there for both planned maintenance and emergency repairs of Becker or **non-Becker** products. And of course the Becker Service Team is available worldwide on a 24 hours - 7 days a week basis.

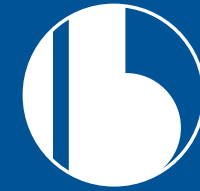


*e.g. new linkage system retrofitted on 18 years old Flap Rudders of stern-trawlers.*



# 24/7 Service

The Becker Service Team is available worldwide on a 24 hours and seven days a week basis. Just give us a call.



**becker marine systems**

Service Telephone (German office hours):  
**+ 49 (0) 40-24199-23**

Service Hotline (cell phone, 24h):  
**+ 49 (0) 173-922 93 11**

Service Fax  
**+ 49 (0) 40-280 18 99**

[service@becker-marine-systems.com](mailto:service@becker-marine-systems.com)

**Becker Marine Systems**  
Head office  
Neuländer Kamp 3  
21079 Hamburg, Germany

[WWW.BECKER-MARINE-SYSTEMS.COM](http://WWW.BECKER-MARINE-SYSTEMS.COM)

# Service

**Service / Repair / Spare Parts  
Conversion  
Manoeuvring Training  
24 / 7 Service**



[WWW.BECKER-MARINE-SYSTEMS.COM](http://WWW.BECKER-MARINE-SYSTEMS.COM)

# Spare Parts

Becker Marine Systems has been delivering rudders since 1946. And our relationship with our clients does not end after delivery. After Sales Service has always been an important issue to us. In order to guarantee the best service, even to customers with Becker Rudders that are over 25 years old and still in service, we ensure delivery of original spare parts – with shortest delivery times.



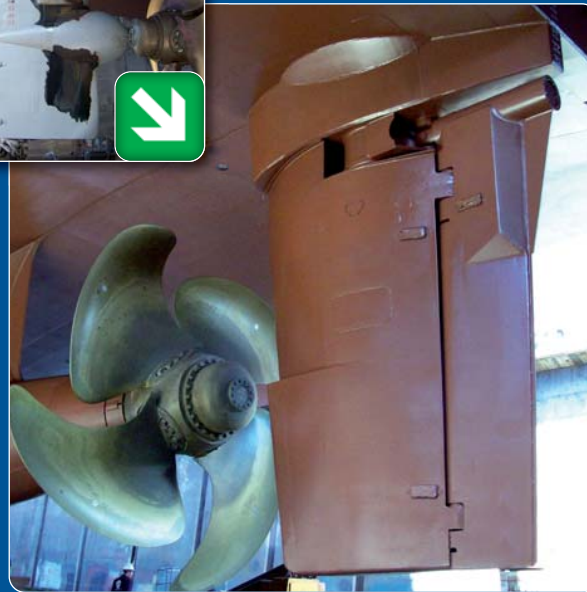
Many standard Becker spare parts are available in stock. Thanks to our network of production facilities in Europe and Asia, tailor-made spares can also be delivered quickly to worldwide locations. This service is not restricted to Becker products: our Service Team is looking forward to your inquiry for spare parts of **non-Becker** rudders.

# Conversion

More and more owners and yards contact our Sales Team for the conversion of the originally installed rudder to a Becker Rudder. Often the manoeuvring performance of the installed rudder is below expectations or manufacturer's promises. Or the installed rudder suffers from cavitation damage due to faulty design in regard to the vessel's speed and manoeuvring needs.



*e.g. replacing rudders troubled by manoeuvring and cavitation problems with Becker's TLFKSR Twisted Leading Edge Flap Rudder on a Ro/Ro vessel.*



When it comes to manoeuvrability, reliability and cavitation avoidance, Becker Marine Systems is the market leader. We are your excellent choice to provide you with the perfect rudder replacement to finally satisfy your quality standards. Our experienced Design and Service Teams will find the ideal choice of manoeuvring solutions for your vessel.

# Manoeuvring Training

Our Manoeuvring Training shows your captain how to get the best performance out of Becker's manoeuvring systems. We illustrate the manoeuvring advantages compared to standard rudders and enable your captain to say "Goodbye" to tugs.

The training consists of emergency manoeuvres, berthing, unberthing, crabbing and docking and is performed in a safe environment in order to increase your captain's experience without risk for your vessel.

We also offer our Manoeuvring Training in a simulation. Various ship types (e.g. twin screw ferries, tankers, container vessels etc.) are already available as digital models. These existing models can be modified to simulate the performance of a Becker rudder, based on our CFD calculations. Of course it is also possible to generate a simulated vessel based on your own data. The training on a simulator offers a remarkable opportunity to compare the performance of different rudders on the same ship in unchanged surrounding conditions.



The training is available for groups, offering great benefit at low cost. Our instructor, Captain Ben Lodemann, is an Elbe pilot with considerable experience on many different types of vessels.