



**DECKMA GmbH**

...high performance for the sea!

# INNOVATION – FOUNDED ON TRADITION








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**Shaping the future together, a concept crowned with success! Sustainable success is always the result of excellent teamwork.** Our concept provides the proof. We can now look back with pride on our company's more than 48-year history of sustained growth and success that sees us today with 40 employees, offices in Hamburg, Rostock and Bremerhaven and a global network of 20 agents.

New technologies, new developments drive us again and again to new areas. The appreciation of each individual employee is extremely important to us and has made us what we are today. An innovative family business that has never lost its values and is always open to new challenges.

Please be our guest for a few minutes as you browse through our brochure, and perhaps we may one day welcome you as another satisfied customer.

We are looking forward to hear from you soon!

  
Petra Bölkow-Anderwald



Sven Torbeck







# OUR TEAM

Togetherness and team spirit are the keys to the success of Deckma GmbH. The professional expertise, reliability and identification of our colleagues with their company ensure the quality of our products and customer relations. The satisfaction of those who work for us is founded on the principles of mutual respect, sincerity and understanding.

**A TEAM achieves more. A TEAM is bigger than the sum of its individual members. A TEAM unites performance, knowledge, trust and strength.**

Motivation and enthusiasm are invaluable factors in the development of new ideas and the realisation of projects. We offer you the chance to become a part of the team – as a satisfied business partner, a customer or a new colleague.





Our company logo: The paddle steamer P.S.S. Wingfield Castle, launched in 1934



# OUR PORTFOLIO

Nowadays shaping the future together needs much more than a rigid portfolio of products and services. This is precisely why we maintain a dynamic and constantly evolving portfolio.

- Lighting design and the planning of lighting projects and the computation of lighting configurations
- Project planning, design and production of dimmer and lighting control systems, DALI and DMX controllers
- Supply of complete lighting and lighting control packages
- Construction of custom-built lighting solutions for customers and architects
- Project planning, design and production of fire detection and alarm systems
- Construction and production of complete signalling systems and signal light columns
- Development and production of specialised systems, e.g. door closing systems and shot warning systems, etc
- Supply and commissioning of NextCorr ICCP corrosion protection installations and MGPS marine growth prevention systems for the marine and offshore industry segments
- Supply and commissioning of generator control systems and alarm equipment
- Commissioning, testing of lightingsystem, fire alarm system and silcent call system
- Spare parts provisioning and logistics





# LIGHTING DESIGN / LIGHT CALCULATION

Another important part of the Deckma GmbH portfolio is the technical and creative planning and realisation of lighting concepts. In this age of ecological awareness, it is becoming increasingly important to consistently realise the necessary steps for protecting the environment and preventing climate change, a policy that also applies to the shipbuilding segment.

We therefore see advising our customers on the most cost-effective and ecologically sound lighting solutions as one of our most important tasks. Although we consistently promote the use of the latest lighting and energy saving technologies, we never lose sight of the importance of the quality of light. The planning of lighting solutions for the shipbuilding industry requires in-depth knowledge of several factors unique to the segment.

Thanks to our many years of experience in this segment, we are in a position to provide the best, brand-independent solutions and the best purchasing terms for each individual case. Particularly the latter has made it possible for us to maintain the trust of our customers on a sustainable basis and convince them of the advantages of new technologies and design concepts. Essential criteria for the planning and successful realisation of lighting concepts are the laws of physics, biological-physiological processes, active principles of the psychology of perception and the demands of creative design. A wide range of lighting technology solutions and full compliance with electrotechnical functions and requirements must also be taken into consideration.

Our experts are able to offer our customers complete lighting packages, including engineering, material selection and delivery, design consultation, installation and commissioning, and a reliable after sales service.

**See for yourself: you have the ideas, we have the solutions.**



River cruise vessel "PREMICON QUEEN"



# DIMMER AND LIGHTING CONTROL SYSTEMS

Further developments in the lighting sector, such as LED technology, and the fulfilment of customers' wishes demand specially designed dimmer systems. These guaranteed flickerfree implementation of LED lighting concepts. LEDs can be controlled with 0-10V, DALI or DMX controllers.

We make our customers appropriate solution proposals with preassembled and driver boxes/driver plates with suitable plugs. These can optionally be equipped with different operating devices (e.g. DALI, DMX, 0-10V).

Customized control cabinets are manufactured inhouse with the highest quality. Different dimming systems can be used for this purpose.

For applications requiring the use of driver boxes in abnormal ambient temperatures, we have developed our own DMX drivers and power supply units that deliver a stable 24V DC supply even temperatures exceeding +60°C. Operating and control systems can be realised in the form of touchscreen control panels in a range of designs and surface finishes. Dimmer systems can naturally also be controlled from mobile apps.

**Speak to us about your needs, we can realise the dimming concept you have in mind.**



River cruise vessel "A-ROSA SILVA"



# FIRE DETECTION SYSTEM FMS3000, AFMS3000, DEFMS

Thanks to the flexibility of our FMS 3000 and AFMS 3000 fire detection systems (conventional and addressable); we are able to equip vessels of all types and sizes. Their use is not limited to installation in vessels under construction; we can also replace or expand any existing systems already on board.

With a maximum of 32 channels, the FMS 3000 conventional fire detection system can monitor around 300 fire detectors installed on a vessel. As existing cables and fire detectors are frequently already in place, this option is particularly suitable for upgrading existing systems.

Its big brother, the addressable AFMS 3000, is configured for up to eight fire detection loops and can monitor up to around 1,000 fire detectors. The AFMS 3000 guarantees a high degree of additional safety by precise reporting of detector locations when an alarm is reported to the fire control centre and its ability to show the operator the precise area in which the alarm was triggered. The capabilities of AFMS 3000 system can also be extended by the addition of various modules that communicate with other alarm systems or display the alarm status on a visualisation system to significantly increase the precision of alarm localisation. Our new addressable fire alarm system DEAFM offers all the capabilities and features of the AFMS3000, but the new system can monitor up to 3000 fire alarms. Due to the modular design, all single modules can be replaced on site, where necessary. Long loop wires (*Schleifenleitung*) are no longer required. Furthermore our DEAFM fulfils all necessary SRIP requirements for fire detections systems.

**Our experience guarantees your safety.**



River cruise vessel "A-ROSA BRAVA"



# NAVIGATION LIGHT CONTROL NLS 3000

The modular concept of our navigation light control and monitoring and control panel makes it suitable for a wide range of applications. It is perfect not only for monitoring the standard navigation lights typically used on small vessels, even for large cruise ships that sometimes have up to 45 navigation lights.

**The flexible programming options offered by this monitoring & control panel allow the configuration of special versions, e.g. for Ro-Ro ferries and cargo vessels.**



LIGHT is our strength



# NEXTCORR LTD AF/ICCP-SYSTEMS

With over 46 years of experience in AF anti-fouling and corrosion protection systems, as well as ICCP external power systems for marine hulls, innovation and further development is an important building block of our company. With the foundation of NextCorr Ltd. in Chesterfield, we have succeeded in producing and continuously developing these products in line with our company philosophy, innovatively and at the cutting edge of technology.

See for yourself: [www.nextcorr.de](http://www.nextcorr.de)

## AF FOULING AND CORROSION PROTECTION

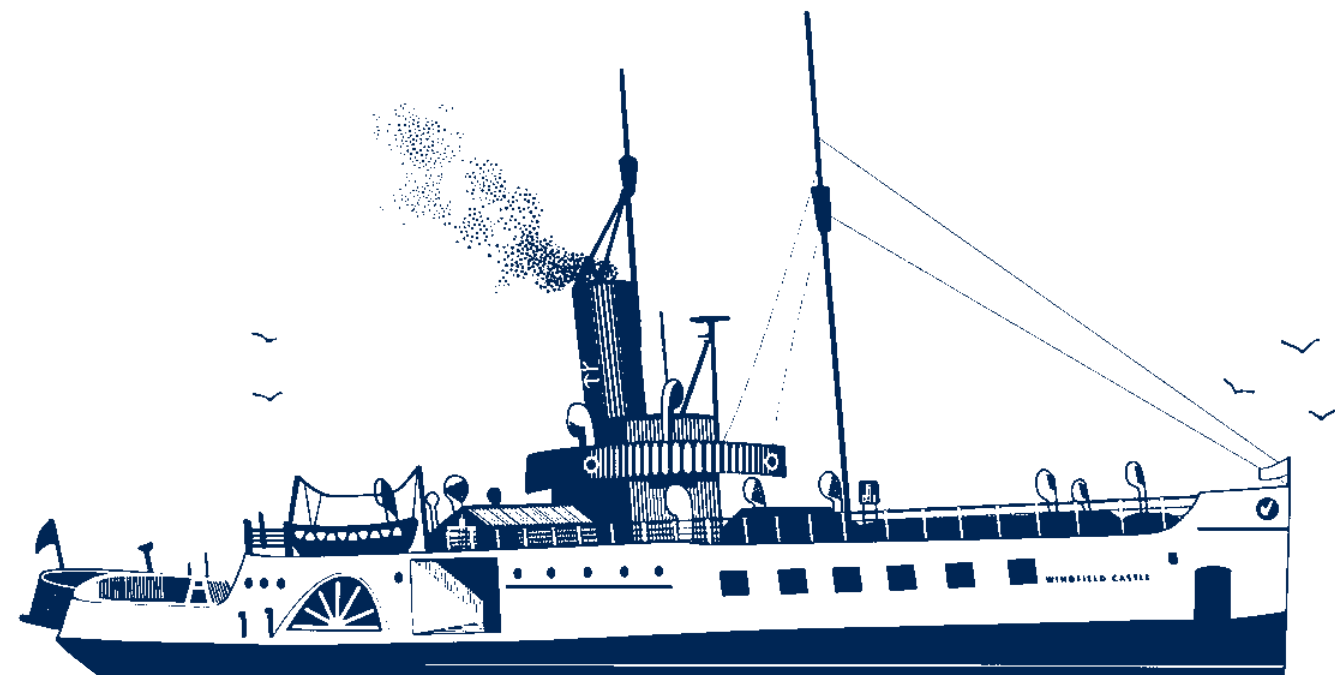
The AF systems operate with two different anodes in terms of voltage series. By applying a low current, the system prevents unwanted fouling by mussels and pox and reduces corrosion in seawater filters, pipelines and cooling boxes.

## ICCP IMPRESSED CURRENT CATHODIC PROTECTION SYSTEMS

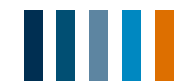
Cathodic protection of the ship's hull is achieved by the installation of active anodes and reference cells and the application of an electric current. Advanced developments make anode replacement by divers possible at any time without the need for drydocking. More than 10,000 systems have been installed and commissioned over the past 23 years. Worldwide stocks of anodes ensure fast delivery times. Contact us to find out more about our extreme flexibility and our interesting range of products and services.

NEXTCORR'S ICCP SYSTEMS: Perfect protection for the hull of your vessel





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# HISTORY 1974-2022



**COMPANY FOUNDER**  
Uwe Torbeck (1974)

- 1974** Deckma GmbH is founded in a 100-year old farmhouse by Uwe and Marga Torbeck
- 1985** Construction of the office and workshop buildings in Klecken
- 1985** The introduction of the 2nd generation
- 1991** Opening of the branch office in Rostock
- 1992** Enlargement of the warehouse facilities in Rosengarten
- 1997** Opening of the second branch office in Bremerhaven
- 1998** The company acquires an offsite warehouse in Rosengarten
- 2007** A new storey is added to the offices in Rosengarten

- 2014** Relocation and expansion of capacities at the branch office in Rostock
- 2015** New buildings add 600 m<sup>2</sup> of warehousing space and 200 m<sup>2</sup> of office space
- 2016** Relocation and expansion of capacities at the branch office in Bremerhaven
- 2016** The introduction of the 3rd generation
- 2018** New buildings of a state of the art production and warehouse of 700 m<sup>2</sup> and 250 m<sup>2</sup> office space
- 2022** Acquisition of shares of NextCorr Ltd GB (Production of AF-and ICCP systems)



1



2



3



- 1** Company headquarters (1974-1985)
- 2** Marga Torbeck - the heart and soul of the company (1980)
- 3** Relocation to the new premises (1986)
- 4** Construction of the new workshops in Klecken (1985)

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# OUR OFFICES

Our three locations in Rosengarten/Hamburg, Rostock and Bremerhaven enable us to provide a full range of services at short notice on Germany's coasts and around the world. Our head office in Rosengarten offers our customers all the benefits of modern development and production facilities.

The high storage capacity of our 1300 m<sup>2</sup> of warehousing space guarantees short delivery times. The modern project development and lighting design office is located at our Rostock facility. Our technical specialists for NextCorr AF and ICCP products are located in Bremerhaven.

**We look forward to receive your call!**





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**DECKMA GMBH**

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