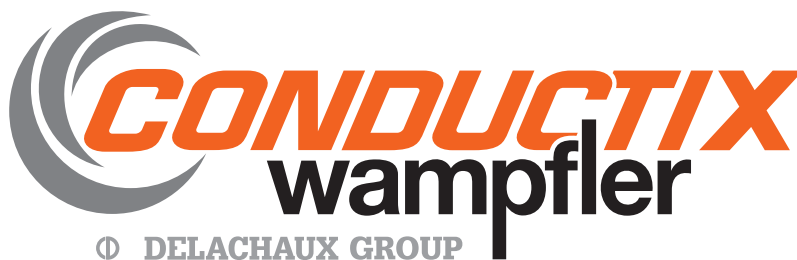




**E-Shore™**


**Cable Management Systems  
for Shore Power & Data Connection**



Ⓞ DELACHAUX GROUP

# E-Shore™

## Cable Management Systems for Shore Power & Data Connections



... from Conductix-Wampfler,  
the global leader in high-quality  
power and data transmission solutions  
for all industrial mobile consumers,  
especially for harsh and demanding  
environments.

# The concept

During their stay in ports and terminals, ships and vessels (around 60.000) typically use their auxiliary engines to supply power to lighting, air conditioning, communication and refrigerated containers (Reefers) on box carriers.

Using the large onboard engines and generators is causing significant pollution and emission of greenhouse gases in the ports. The map below shows where the biggest pollution happens.

To prevent this pollution with all the negative effects on human health and the environment, more and more ships use externally supplied electrical power to switch off the onboard engines.

# Anticipating stronger regulations



**Alaska**  
Implemented since 1990s

**Canada**  
Funding available

**California**  
Mandatory since 2014

**Europe**  
Mandatory for ports by 2025  
Electricity detaxed for the ship  
Funding available

**China**  
90% of public ships will use shore power at major ports while about 50% of container terminals, passenger terminals and cruise terminals will be capable of providing shore power.

Issued at the end of Aug. 15 <<Ships & ports contamination reduction initiatives (2015-2020) >> by Ministry of Transportation



## 1 Ship Side

### Motorized Reels in semi-mobile containers



- Container ships

### Motorized Reels on Deck



- Container vessels
- RO-RO & Passenger ferries
- Luxury yachts
- Military ships

## 2 Shore Side

### Festoon Systems



- Cruise ships
- Ro-Ro & Passenger ferries

### Motorized Reels inside hull



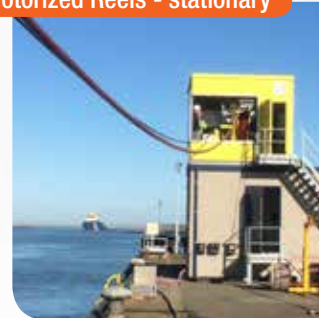
- RO-RO & Passenger ferries
- Military ships

### Spring Reels



- Rescue boats
- Sailing boats
- River Shuttles

### Motorized Reels - stationary



- Ro Ro & Passenger Ferries
- River shuttles
- Military boats
- Bulk vessels

### 3 Connection Components

Motorized Reels on trailer



- Cruise ships
- Ro-Ro & Passenger ferries

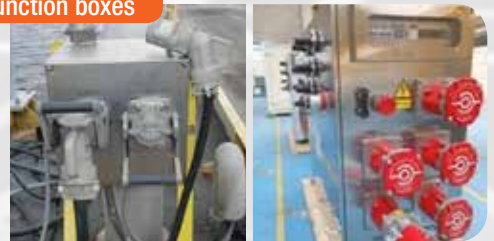
Connectors



Cables



Junction boxes



**E-Shore** from Conductix-Wampfler offers a wide range of solutions for shore power connections meeting IEC standard, and, on demand, specific requirements.

# www.conductix.com

Conductix-Wampfler has just one critical mission: To provide you with energy and data transmission systems that will keep your operations up and running 24/7/365.

To see how we can help you, contact us at

[e-shore@conductix.com](mailto:e-shore@conductix.com)

[www.conductix.com](http://www.conductix.com)

