



### **SOLVING A STABILISATION CHALLENGE:**

- / Offshore environmental conditions create significant challenges for caissons and conductors
- / Significant lateral forces from repeated wave action result in resonance and stress
- / Wear and failure of traditional shims allow movement within the guideframe which over time leads to fatigue and impact damage, with potential fracture and loss
- / Unchecked, extensive and costly remedial maintenance or complete replacement is required
- / AquaTerra's AquaShim developed in association with OGTC, provides cost effective, long terms stabilisation, halting deterioration and extending caisson and conductor lifecycle

### **AQUASHIM FEATURES AND HIGHLIGHTS:**

- Simple, rapid and low cost installation
- Requires no specialist transportation or on-site storage
- Low installation temperature, making year round application possible
- Adaptable to all guide types and sizes
- Fully cured within 24 hours
- Topside and subsea applications
- Internal liner allows free vertical movement, whilst AquaShim compound absorbs horizontal movement
- No shrinkage of AquaShim compound ensures perfect fit, every time
- Safe, environmentally friendly solution
- Decommissioning friendly
- Installed by fully trained technicians
- Endorsed by OGTC

## **AQUASHIM BENEFITS TO THE CLIENT:**

- Low cost and rapid installation
- Potential year-round installation
- Zero maintenance
- Prevents any further damage
- Extends life of asset and caisson or conductor
- Significantly reduces noise and vibration
- Simple storage requirements

## **WHY CHOSE AQUATERRA:**

- Exceed Expectations - enabling our clients to deliver success
- Accountable - we reduce risk for our clients
- Proactive - we work with our clients to meet their long terms needs
- Customer Driven - we understand the challenges our customers face
- Proven Track Record - we develop and deliver high quality specialist products and solutions
- Motivated - we help the industry achieve optimal operational efficiency in a safe and cost effective manner

**AQUATERRA, A COMPETENT, COMMITTED AND EXPERIENCED PARTNER PROVIDING FAST, EFFICIENT AND SIMPLE STABILISATION SOLUTIONS AND PRODUCTS ENGINEERED SPECIFICALLY WITH THE OFFSHORE ENVIRONMENT IN MIND.**



## **YOUR TOTAL CONSTRUCTION TEAM**

**AquaTerra Group** AquaTerra House, Tofthills Avenue,  
Midmill Business Park, Kintore, Aberdeen AB51 0QP  
T 0845 257 7570 E [aquashim@theaquaterragroup.com](mailto:aquashim@theaquaterragroup.com)