

Support Services

for Single Point Mooring Systems



Bluewater history

Bluewater has delivered and installed over one hundred Single Point Mooring (SPM) systems all over the world since 1978.

The majority of the systems are CALM buoys, but also includes Loading Towers, Tower Wishbones, Turrets, and CBM systems.

After installation, Bluewater will stay connected with the operators for assistance and technical support during the lifetime of the systems.

Bluewater will provide assistance on location to review maintenance systems and provide recommendations to maintain critical elements, such as bearings and product swivels.



Overview of Services



Yearly Maintenance Check

Bluewater recommends yearly inspection on the systems to ensure flawless operations and to detect potential issues at an early stage. This inspection will also include recommendations for the operations of the terminal.



Call out in Emergencies

In case of an emergency during operations, Bluewater can be called-out to assess the situation on location and provide the necessary support to resolve the matter.



Grease Analysis

Taking grease samples of the main bearing and / or swivel bearing, and performing analysis on the grease will give an indication of the wear and tear / conditioning of the bearing.



Technical Support from Main Office

Bluewater will provide technical support from the main office, dealing with questions during Maintenance operations.



Specific Inspection

Bluewater can perform specific inspection on particular items such as the product swivel, flexible joints, main bearing, status of the hull and/or electronic/hydraulic systems to assess potential repair or replacement.



Refurbishment Support

In the event the system needs an overhaul or requires refurbishment to enhance the design life, Bluewater can provide the specific yard supervision to oversee the activities and to endorse same.



Modification

During the operational lifetime of the system, modifications may be required. Bluewater can assist to design and install the modification to ensure smooth operation of the system.



Supply of Spare Parts

Bluewater being the designer of the system, will be the perfect partner to provide the relevant genuine spare parts as all necessary technical information is available.

Overview of Services (continued)



Hose Change out Support

Bluewater will provide on request the necessary onsite support during a floating and/or submarine hose change out. Special attention will be given to the under buoy hose configuration.



Training

Bluewater will provide the relevant training to the operators when the system is delivered. However, during the course of its lifetime Bluewater can provide additional training for new personnel.



SPM Installation Support

Bluewater can provide an installation engineer to assist in installing the system within the design parameters and thus satisfying the third party witness (e.g. ABS, LRS, DNV, etc.).



Bluewater
is ready for
your call!

Bluewater Technical Support N.V.

Taurusavenue 46
2132 LS Hoofddorp
The Netherlands

Phone: +31 (0)23711 5500

Email: after.salessupportmailbox@bluewater.com

www.bluewater.com



bluewater