



Spring-lok™



C-lok™



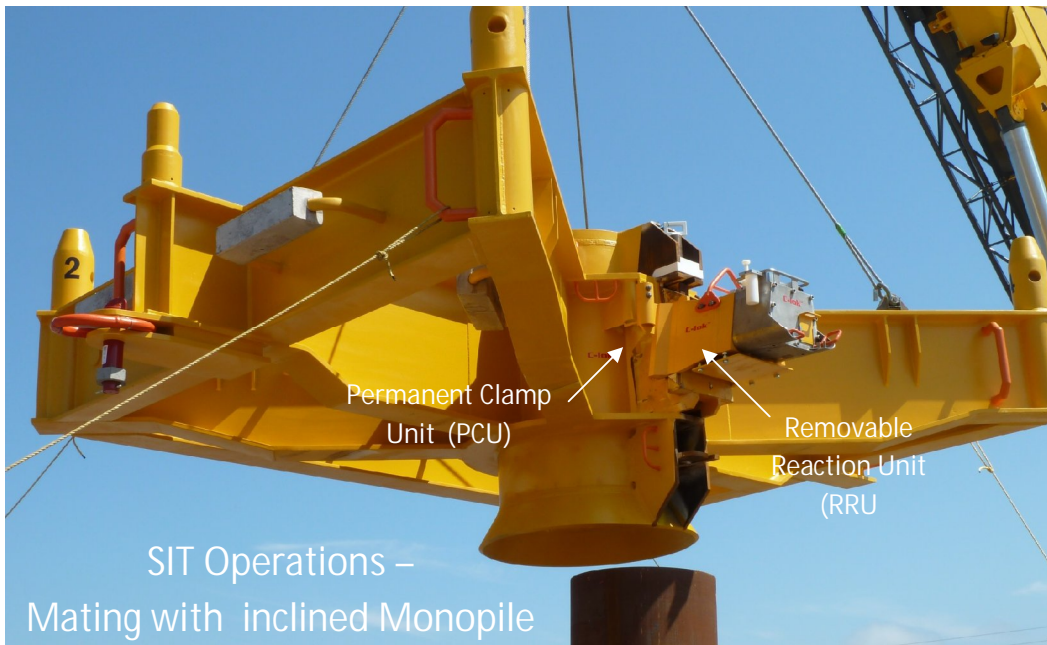
Spring-blok™

Providing Diverless Connectors Since 1999

C-lok™

BECL has been providing cost-effective, diverless connectors to the offshore industry for over a decade. We offer a range of Subsea Structural Connector types covering a wide spread of applications including our 'pile and forget' Spring-lok connector. Spring-lok is the industry leading self activating diverless structural connector.

The product range includes **C-lok™** a simple ROV operated connector for general subsea structural applications, including piling. C-lok provides a high strength permanent tube to tube mechanical friction connection. Operated in minutes at any water depth using a single ROV hotstab operation, the C-lok connection is permanent but may also be released and re-made in the future as required.



Contact us about our full range of Diverless connectors:
Britannia Engineering Consultancy Ltd.
Britannia House
P.O. Box 99
KT21 1WD

Spring-lok™ Spring-blok™ C-lok™

Direct Telephone Enquiries: +44 (0)7930974491 or +44 (0)7980862647



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C-Lok BENEFITS:

- Safe and Cost Effective
Fully Diverless
Connection made regardless of the pile penetration
Requires no specialist personnel, support team or additional equipment to be mobilised offshore
RRU tool hire or purchase available
Single Lump Sum cost available for all services
- Efficient
Single ROV hotstab operation, takes less than 5 minutes for joint activation
Minimal vessel deck space required for tool (app 1m²)
- Versatile
Uses standard workclass ROV hydraulics (3000 psi)
Connector is releasable using a simple reverse procedure and allows multiple reconnection as required
- Reliable
Complete Hydraulic System is fully recoverable; no contingency system required
Allows full FAT testing in the shop including load tests
Robust LRS approved design
- Innovative
Wedge plate self-activates to secure clamping load at any incremental stage
Tools (RRU) preset on the structure (PCU) prior to loadout
Tools are self-centred and recovered by a simple lift off
Carbon steel construction with dedicated CP anodes
High capacity device resists all load types including torsion.

- Design and Fabrication are carried out under a fully implemented BS EN ISO 9001 approved Quality Management System.
- C-lok Components may be fitted at any time during the fabrication program



C-lok APPLICATIONS:

- Ideal for all load scenarios, including single tube to tube connections (monopiles), conductors, piling, clamps etc.
- Suitable for the full range of API tubular sizes and standard tolerances

C-Lok FABRICATION:

- Units are fabricated, adjusted and machined prior to leaving the workshop. Each unit is subject to a complete FAT before transportation to the Main Structure Fabricator



For further information about C-Lok, please contact BECL:
info@spring-lok.com

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