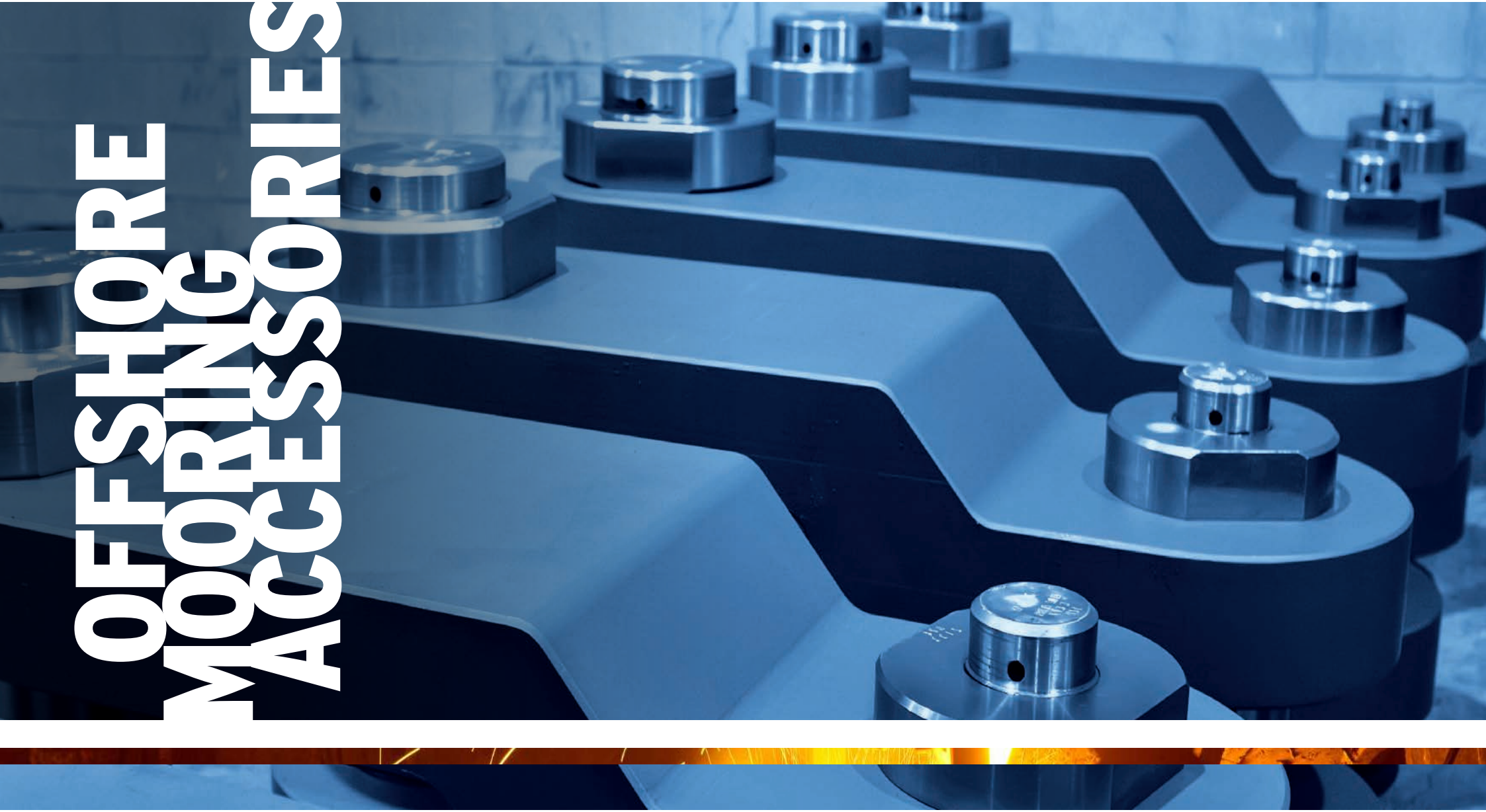
OFFSHORE MOORING ACCESSORIES



VICINAYmarine®
World Class Mooring

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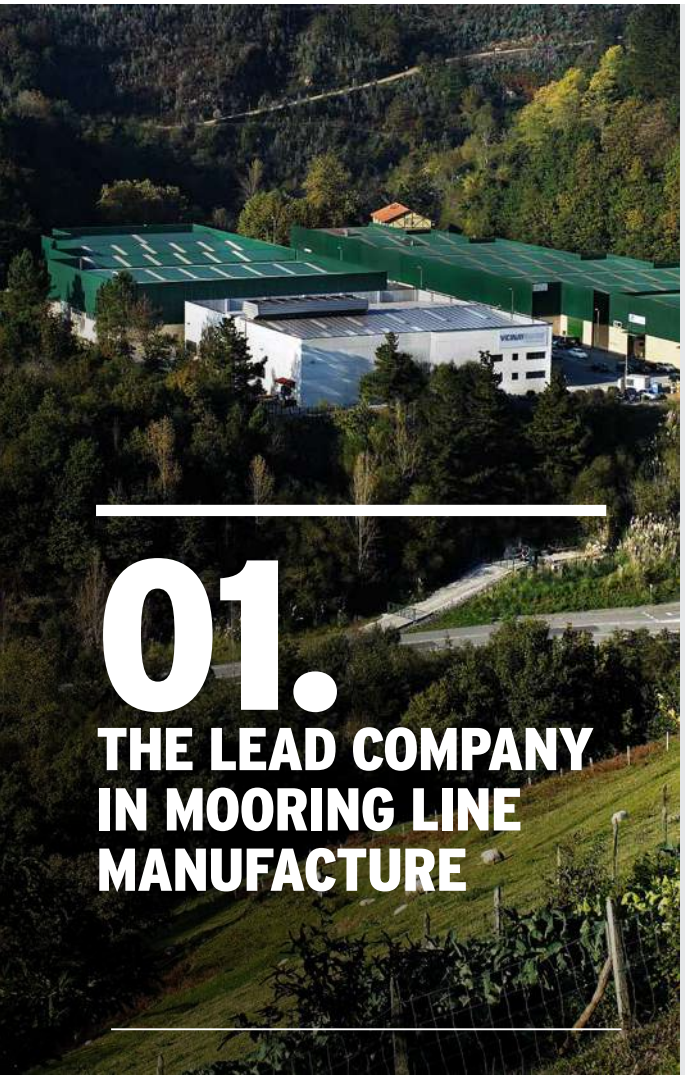


01.
THE LEAD COMPANY IN MOORING LINE MANUFACTURE

Vicinay Marine manufactures high quality chains and accessories for the offshore and marine industries with diameters ranging between 40 mm and 220 mm in all the grades present in the market: G3, R3, R3S, R4, R4S and R5.

ACCESSORIES MANUFACTURE

Vicinay Marine has a long history of manufacturing accessories for the marine and offshore industries since the beginning of the 20th century. Presently Vicinay can provide a wide variety of mooring accessories to the industry (and solutions which can be tailor made for a specific project, D-type Shackles, Offshore Shackles, Plates, Sockets, Kenter Shackles, LLLC links etc.) of various qualities and in a range of sizes (from 100 Kgs up to 3500 Kgs).

TODAY VICINAY MARINE HAS MORE THAN 700 PEOPLE WORKING IN THE OFFSHORE AND MARINE INDUSTRIES

TAILOR MADE CONNECTORS

VICINAY MARINE HAS THE CAPABILITY OF SUPPLYING ANY TYPE OF OFFSHORE AND MARINE CONNECTORS DESIGNED TO MEET ANY CLIENT´S REQUIREMENTS.

Our flexibility allows us to supply connectors in **R3, R3S, R4, R4S and R5** qualities and a wide range of dimensions complying with the specific requirements of our clients.

02. PRODUCTS

TAILOR MADE SOLUTIONS FOR EACH PROJECT. SUPPLYING ANY TYPE OF OFFSHORE CONNECTORS DESIGNED AND MANUFACTURED TO MEET ANY OF YOUR REQUIREMENTS.

With forged pieces of more than 5 tons each, we have the means to offer any type of mooring connection solution with a maximum guarantee of quality.

OFFSHORE H LINK (01)

OFFSHORE H LINK (02)

OFFSHORE H LINK (03)

OFFSHORE H LINK (04)

OFFSHORE H LINK (05)

OFFSHORE H LINK (06)

OFFSHORE Y LINK

D TYPE SHACKLE (01)

D TYPE SHACKLE (02)

D TYPE SHACKLE (03)

LLLC & LLLC +

TRIPLATE (TAILOR-MADE) (01)

TRIPLATE (TAILOR-MADE) (02)

KENTER SHACKLE

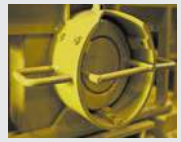
BACK TO BACK SHACKLE

POLY H LINK

ILMC: IN LINE MOORING CONNECTOR

UNI-JOINTS

SMC-SUBSEA MARINE CONNECTORS



WIRE ROPE SOCKET

OFFSHORE H LINK (01)

This component is robust and adaptable to any requirement. It can be used not only as an universal connector, but also to adjust lengths during installation.

> It connects to:

- Chains of the same or different diameters suitable for direct connections with common links.
- Pile Pad Eyes.
- Closed or open Wire Rope Sockets.
- Polyester Rope Thimbles.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

OFFSHORE H LINK (02)

This component is a lighter alternative to the traditional H link.

› It connects to:
- Chain to Polyester rope.
- Polyester rope to polyester rope.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
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- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

OFFSHORE H LINK (03)

This component is a lighter alternative to the traditional H link.

› It connects to:
- Chain to Polyester rope.
- Polyester rope to polyester rope.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

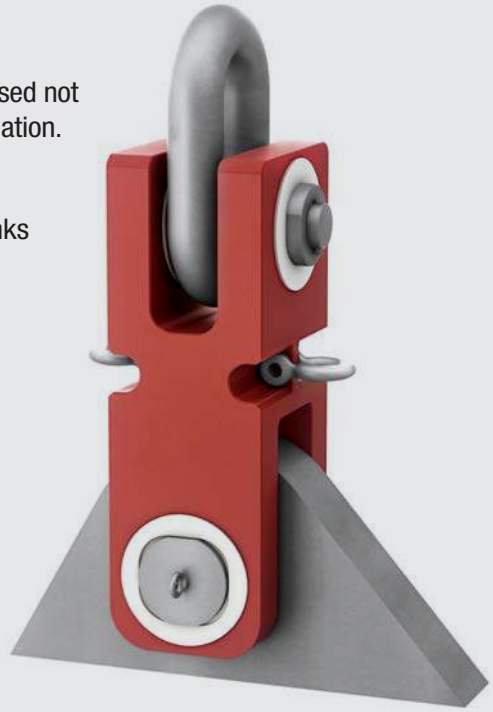
VICINAYmarine®
World Class Mooring

OFFSHORE H LINK (04)

This component is robust and adapted to any requirement. It can be used not only as an universal connector, but also to adjust lengths during installation.

> It connects to:

- Chains of the same or different diameters suitable for common links direct connections
- Pile Pad Eyes.
- Closed or open Wire Rope Sockets.
- Polyester Rope Thimbles.



PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

OFFSHORE H LINK (05)

This component is a lighter alternative to the traditional H link.

› It connects to:
- Chain to Polyester rope.
- Polyester rope to polyester rope.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
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- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

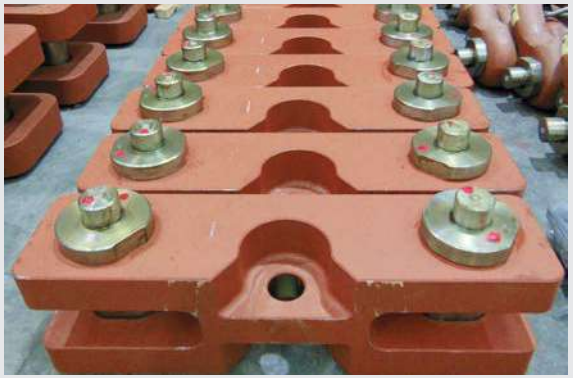
VICINAYmarine®
World Class Mooring

OFFSHORE H LINK (06)

This component is robust and adapted to any requirement.
It can be used not only as an universal connector, but also to adjust lengths during installation.

> It connects to:

- Chains of the same or different diameters suitable for common links direct connections.
- Pile Pad Eyes.
- Closed or open Wire Rope Sockets.
- Polyester Rope Thimbles.



PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine® World Class Mooring

OFFSHORE Y LINK

This component is robust and adapted to any requirement.
It can be used not only as an universal connector, but also to adjust lengths during installation.

> It connects to:

- Chains of the same or different diameters suitable for common links direct connections.
- Pile Pad Eyes.
- Closed or open Wire Rope Sockets.
- Polyester Rope Thimbles.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

D TYPE SHACKLE (01)

Forged accessory that can be adapted to any requirement.

› It can join chain to any other component:
- Chain to chain (different diameters).
- Chain to Anchor Pad Eye.
- Chain to Socket.
- Chain to Thimble.
- Chain to Plate.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
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- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine® World Class Mooring

D TYPE SHACKLE (02)

Forged accessory that can be adapted to any requirement.

› It can join chain to any other component:
- Chain to chain (different diameters).
- Chain to Anchor Pad Eye.
- Chain to Socket.
- Chain to Thimble.
- Chain to Plate.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- **D Type Shackle (02)**
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

D TYPE SHACKLE (03)

Forged accessory that can be adapted
to any requirement.

> It can join chain to any other component:
- Chain to chain (different diameters).
- Chain to Anchor Pad Eye.
- Chain to Socket.
- Chain to Thimble.
- Chain to Plate.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
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- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

LLLC & LLLC +

Designed to ease the installation of mooring lines:

- Easy and safe connectability.
- Same geometry as Common link.
- Manufactured in R5, R4S and R4.
- LLLC Link (increased MBL).

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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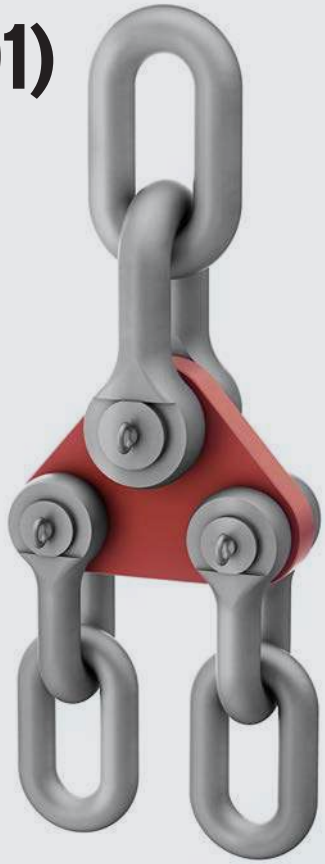
VICINAYmarine®
World Class Mooring

TRIPLATE (TAILOR-MADE) (01)

- Forged component.
- Simplifies installation.
- Electrical insulation between chain and wire sections.
- Buoyancy elements interconnection.

> Connectable to different elements:

- Chain to chain.
- Chain to steel wire cable.
- Chain to polyester rope.



PROJECTS:

Ichthys | Prelude | Shell Stones | **Moho Nord TLP & FPU** | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine® World Class Mooring

TRIPLATE (TAILOR MADE) (02)

- Forged component.
- Simplifies installation.
- Electrical insulation between chain or wire sections.
- Buoyancy elements interconnection.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine® World Class Mooring

KENTER SHACKLE

> It can be manufactured 3 types:

- Standard Kenter Shackle
- Slim Kenter Shackle
- Special Kenter Shackle (for studless chain)

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

BACK TO BACK SHACKLE

It has been designed to go through windglass as a standard through standard link in any position.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
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VICINAYmarine® World Class Mooring

POLY H LINK

> It connects to:

- Pile Pad Eyes.
- Closed or open Wire Rope Sockets.
- Polyester Rope Thimbles.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine® World Class Mooring

ILMC: IN LINE MOORING CONNECTOR

The ILMC - In Line Mooring Connector consists of a chain-guiding Pipe and an Articulated Ratchet locking the chain in position once the desired predetermined tension is achieved.

In Line Mooring Connector (ILMC), gives direct access to the mooring line for re-tension purposes. This feature allows more flexibility when the need arises to adjust the tension of mooring lines, even during the early phase of the system installation.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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VICINAYmarine® World Class Mooring

UNI-JOINTS

UNI-JOINTS consist of two connectors joined together to allow rotation of each of the comprising elements permitting certain degree of freedom to the mooring line.

This type of cardan coupling used to connect two parts of a mooring systems alowes them to move over an angle relative to each other in any direction, easing the rotation movement to prevent out-of-plane bending fatigue.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
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VICINAYmarine® World Class Mooring

SMC
SUBSEA MOORING CONNECTORS

Subsea Mooring Connectors are a solution that facilitates the installation and replacement of mooring, being a simple, fast, economical and disconnectable system.

Vicinay Marine designs, manufactures and commercialises these offshore solutions for suction and driven piles.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
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- D Type Shackle (02)
- D Type Shackle (03)
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- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

VICINAYmarine®
World Class Mooring

WIRE ROPE SOCKET

Fully forged and machined
Fits with wire rope up to Ø180mm
Full cathodic protection guaranteed for project lifetime
Weight optimisation compared with casting products

> It connects to:

- Wire rope to chain.
- Wire rope to wire rope.
- Wire rope to fibre rope.
- Wire rope to padeye.

PROJECTS:

Ichthys | Prelude | Shell Stones | Moho Nord TLP & FPU | Goliat Oil | Aasta Hansten | Western Isles

PRODUCTS:

- Offshore H link (01)
- Offshore H link (02)
- Offshore H link (03)
- Offshore H link (04)
- Offshore H link (05)
- Offshore H link (06)
- Offshore Y link
- D Type Shackle (01)
- D Type Shackle (02)
- D Type Shackle (03)
- LLLC & LLLC +
- Triplate (Tailor made) (01)
- Triplate (Tailor made) (02)
- Kenter and Slim Kenter Shackle
- Back to Back Shackle
- Poly H link
- ILMC: In Line Mooring Connector
- Uni-Joints
- SMC-Subsea Marine Connectors
- Wire Rope Socket

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03. PROJECTS

ICHTHYS FIELD

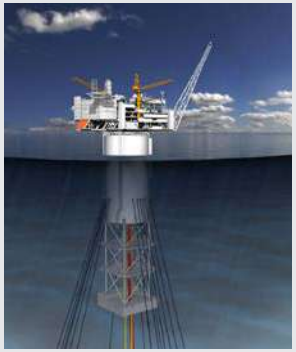
PRELUDE FLNG

SHELL STONES

MOHO NORD TLP & FPU

GOLIAT OIL

AASTA HANSTEN



WESTERN ISLES

ICHTHYS FIELD, BROWSE BASIN, TIMOR SEA, AUSTRALIA

- **Year:** 2015
- **Description:** One of the largest FLNG installations in the world for gas and condensate with reserves of 40 years in the offshore exploration basin east of Australia.
- **Diameters:** 154 mm – 161 mm – 170 mm – 178 mm
- **Grade:** R4

PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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PRELUDE FLNG PROJECT, BROWSE BASIN, AUSTRALIA

- **Year:** 2015
- **Description:** The first floating liquefied natural gas (FLNG) installation.
- **Diameter:** 175 mm
- **Grade:** R4

PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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SHELL STONES, GULF OF MEXICO, UNITED STATES OF AMERICA

- **Year:** 2015
- **Description:** the deepest FPSO.
- **Diameter:** 127 mm
- **Grade:** R4

PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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MOHO NORD TLP & FPU, ATLANTIC OCEAN, CONGO

- **Year:** 2015
- **Diameters:** 152 mm – 157 mm
- **Grade:** R3S

PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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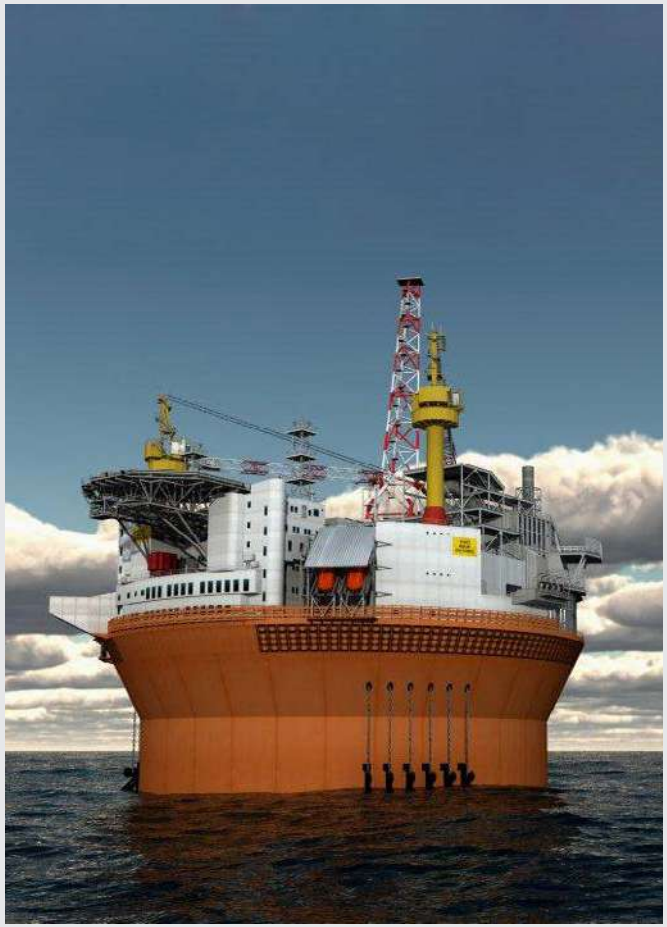
GOLIAT OIL AND GAS FIELD, BARENTS SEA, NORWAY

- **Year:** 2012
- **Description:** The strongest mooring system ever made: MBL: 2700 tons.
- **Diameters:** 165 mm
- **Grade:** R5



PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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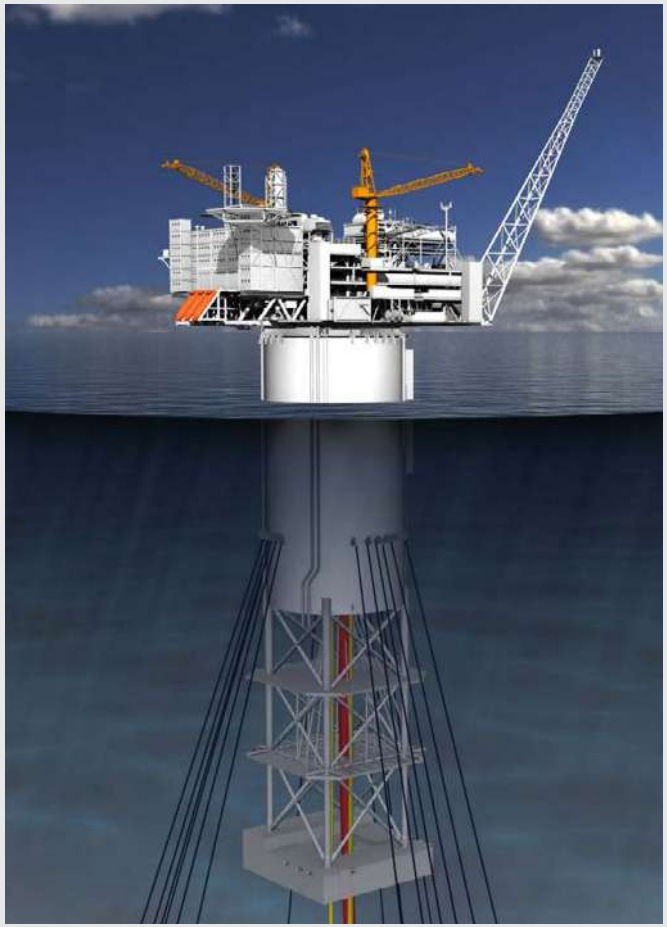
AASTA HANSTEN, NORWEGIAN SEA, NORWAY

- **Year:** 2015
- **Description:** First SPAR installed un Norway.
- **Diameters:** 160 mm
- **Grade:** R4S



PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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WESTERN ISLES, ATLANTIC OCEAN, OUTER HEBRIDES, UNITED KINGDOM

- **Year:** 2014
- **Diameters:** 159 mm
- **Grade:** R4

PROJECTS:

- Ichthys Field
- Prelude
- Shell Stones
- Moho Nord TLP & FPU
- Goliat Oil
- Aasta Hansen
- Western Isles

PRODUCTS:

Offshore H link (01) | Offshore H link (02) | Offshore H link (03) | Offshore H link (04) | Offshore H link (05) | Offshore H link (06) | Offshore Y link | D Type Shackle (01) | D Type Shackle (02) | D Type Shackle (03) | LLLC & LLLC + | Triplate (Tailor-made) (01) | Triplate (Tailor-made) (02) | Kenter Shackle | Back to Back Shackle | Poly H link | ILMC: In Line Mooring Connector | Uni-Joints | SMC-Subsea Mooring Connector | Wire Rope Socket |

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