

SALES TRACK RECORD

HYDRAULIC RELEASE SHACKLES



LET'S BUILD

IHC IQIP offers hydraulic release shackles ranging from 25 to 2,000 tonnes that are suitable for water depths of 500 to 3,000m. These are used to install and decommission on/offshore structures by allowing the remote release and engagement of lift rigging from structures being raised. Over the past 20 years, our shackles have been used on projects all over the world and have an extensive track record.

IQIP's standard range of release shackles have hydraulic umbilical connectivity. They can also be customised to include ROV-friendly solutions with the capacity to store hydraulic energy during subsea operations. All our equipment has been designed with contingency and functionality in mind, which ensures that you are able to release any load safely.

Our units can be equipped with the following options:

- ROV ball valve – activates an accumulator package that utilises stored hydraulic energy
- hot stab receptacle – suitable during subsea operations for ROV intervention
- pressure gauge – monitors hydraulic operations
- hydraulic accumulator – can be used as the primary or secondary method for releasing or engaging
- additional secondary hydraulic cylinder – for contingency operations
- ROV grab bar – features a user-friendly interface and ideal for ROV stabilisation.

Please contact IQIP's Sales department for further information as special configurations can also be arranged.

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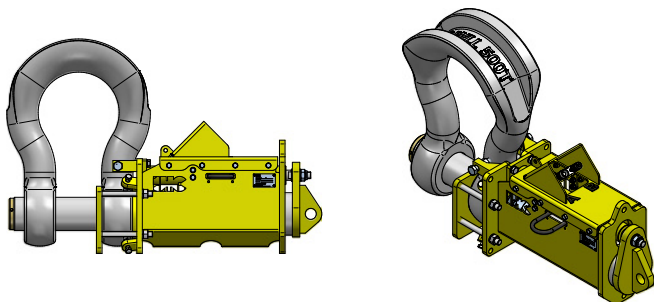
YEAR	PROJECT	DESCRIPTION	STANDARD/ WIDEBODIED	BASIC/ ROV	FRAME/INCL. SHACKLES	CUSTOMER
2017	Egina Project	2 x 200t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	Saipem SA
2017	Egina Project	4 x 900t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	Saipem SA
2017	Egina Project	4 x 2,000t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	Saipem SA
2017	Egina Project	8 x 600t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	Saipem SA
2017	Undisclosed Project	1 x 576t HRS	Standard	Basic	Incl. Shackles	Heerema Marine Contractors Ned. SE
2017	Undisclosed Project	1 x 25t HRS	Standard	Basic	Incl. Shackles	Fargamel
2016	Undisclosed Project	10 x 400t HRS Frame	Wide	Basic	Frame	Erling Haug AS
2016	Undisclosed Project	1 x 85t HRS Frame	Standard	Basic	Frame	Heerema Marine Contractors Ned. SE
2016	Rampion Offshore Wind Farm	4 x 900t HRS	Wide	Basic	Incl. Shackles	Scaldis Salvage & Marine Contractors NV
2016	Undisclosed Project	4 x 40t HRS Frame	Wide	Basic	Frame	Heerema Marine Contractors Ned. SE
2016	Undisclosed Project	10 x 400t HRS Frame	Wide	Basic	Frame	Erling Haug AS
2015	Mariner Topside Installation Project	2 x 400t HRS - (Subsea ROV Capable)	Wide	Basic	Incl. Shackles	SAIPEM Inc.
2015	Undisclosed Project	4 x 200t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	SAIPEM Inc.
2015	Ichthys MEG	4 x 200t HRS - (Subsea ROV Capable)	Standard	ROV	Frame	Heerema Marine Contractors Ned. SE
2015	Sapura Diamante	3 x 200t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	SapuraKencana
2015	Sapura Topazio	2 x 400t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	SapuraKencana
2015	Sapura Onix	2 x 600t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	SapuraKencana
2014	Maersk Tyra Project	2 x 250t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	SEAWAY HEAVY LIFTING
2014	Y49078 Nexen Golden Eagle T&I Project	2 x 200t HRS	Wide	Basic	Incl. Shackles	Saipem Ltd
2014	Ichthys	2 x 1,250t HRS	Wide	Basic	Incl. Shackles	Heerema Marine Contractors Ned. SE

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2014	Ichthys	1 x 1,000t HRS	Standard	Basic	Incl. Shackles	Heerema Marine Contractors Ned. SE
2014	Ichthys	4 x 1,250t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	Heerema Marine Contractors Ned. SE
2014	Liwan field	1 x 30t HRS	Wide	Basic	Incl. Shackles	Emas-AMC Pte Ltd.
2014	Ichthys	1 x 500t HRS	Wide	Basic	Incl. Shackles	Heerema Marine Contractors Ned. SE
2014	Seven RIO	1 x 120t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Subsea 7 (Norway)
2014	Seven RIO	1 x 600t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Subsea 7 (Norway)
2014	Seven SUN	1 x 120t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Subsea 7 (Norway)
2014	Seven SUN	1 x 600t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Subsea 7 (Norway)
2014	Seven Cruzeiro	1 x 120t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Subsea 7 (Norway)
2014	Seven Cruzeiro	1 x 600t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Subsea 7 (Norway)
2014	Unknown Project	2 x 300t HRS	Standard	Basic	Incl. Shackles	Dae Kwang Co., Ltd
2013	Eldfisk II T&I PRJ	2 x 300t HRS	Wide	Basic	Incl. Shackles	Saipem Ltd
2013	Nexen Golden Eagle	4 x 2,000t HRS	Wide	Basic	Incl. Shackles	Saipem Ltd
2013	Jack & St Malo	4 x 800t HRS - (Subsea ROV Capable)	Standard	ROV	Frame	Heerema Marine Contractors Ned. SE
2013	Eli Dolphin Replacement	1 x 25t HRS - Incl. Handpump	Standard	Basic	Incl. Shackles	Austral
2013	Eli Dolphin Replacement	1 x 55t HRS - Incl. Handpump	Standard	Basic	Incl. Shackles	Austral
2013	WASIT GAS PROGRAM (SA)	4 x 1,000t HRS - (Subsea ROV Capable)	Wide	ROV	Incl. Shackles	SAIPEM S.p.A. (IT)
2013	Undisclosed Project	2 x 150t HRS	Wide	Basic	Incl. Shackles	Fugro Seacore Limited
2013	Undisclosed Project	1 x 25t HRS	Wide	Basic	Incl. Shackles	Technip Offshore UK Ltd
2013	Lucius Phase 2	1 x 85t HRS	Standard	Basic	Incl. Shackles	Heerema Marine Contractors Ned. SE
2013	Undisclosed Project	2 x 400t HRS	Standard	Basic	Incl. Shackles	J Ray McDERMOTT Inc. (Houston)
2013	Cygnus Project Wye Manifold	4 x 400t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	SEAWAY HEAVY LIFTING
2013	Undisclosed Project	1 x 120t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	IHC OFFSHORE & MARINE BV
2013	Undisclosed Project	1 x 600t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	IHC OFFSHORE & MARINE BV
2013	Undisclosed Project	1 x 120t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Ceona Chartering (UK) Limited
2013	Undisclosed Project	1 x 300t HRS - (Subsea ROV Capable)	Standard	ROV	Incl. Shackles	Ceona Chartering (UK) Limited
2012	Jack St. Malo	1 x 700t HRS Frame - (Subsea ROV Capable)	Wide	ROV	Frame	Heerema Marine Contractors Ned. SE

BASIC RANGE



ROV RANGE

