

# Fixation system

## General

The GustoMSC designed type CJ jack-up drilling rigs are equipped with fixation systems. The purpose of these systems is to establish a rigid connection between the platform hull and the platform legs. The fixation systems are used during towing and dry transport and when the platform is elevated at its working height. The fixation systems are capable of accepting the leg loading due to axial leg load and leg bending moment.

## Description

Six fixation systems, by pair corresponding with a leg chord, are arranged inside each jacking structure. Each fixation system has a counter rack which is moved up/down and in and out the rack of the leg chord by means of spindle driven wedge blocks. The drive and control system is laid out such that engagement or disengagement of the counter racks only takes an hour per leg.

The fixation system is simply operated by one person. From 2007 the system is electric motor driven.

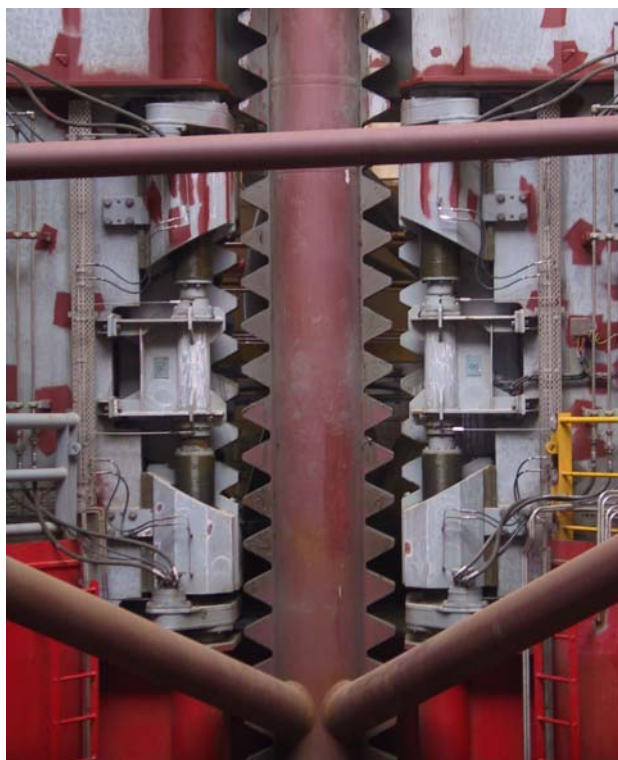
## Patents

Patents in major industrial countries.

## References

GustoMSC fixation systems are fitted on jack-up rigs:

• Noble Piet van Ede	CJ-46	1980
• Noble Lynda Bossler	CJ-46	1981
• Noble Ronald Hoop	CJ-46	1982
• West Larissa	CJ-50	1983
• Maersk Gallant	CJ-62	1993
• West Epsilon	CJ-62	1993
• Maersk Innovator	CJ-70	2002
• Maersk Inspirer	CJ-70	2004
• Maersk Resilient	CJ-50	2007
• Maersk Resolute	CJ-50	2008
• Maersk Resolve	CJ-50	2008
• Maersk XE04	CJ-50	2009
• Naga-2	CJ-46	2008
• Perro Negro-6	CJ-46	2009
• Naga-3	CJ-46	2009
• Hull L204	CJ-46	2009
• COSL 936	CJ-46	2009
• COSL 937	CJ-46	2009
• Hull L205	SJ-50	2010
• Hull L206	SJ-50	2010
• Hull L207	CJ-46	2010
• Hull L208	CJ-46	2011



*Disengaged system*



*Engaged system*

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