## Motion Reference Unit

Upgrade to 5<sup>th</sup> generation MRU sensor

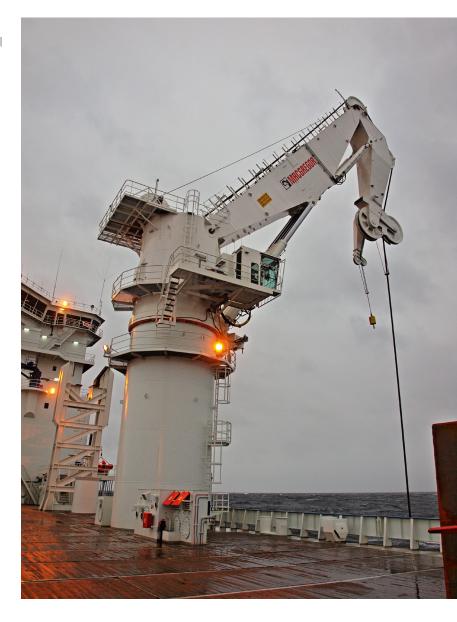
MacGregor can offer you a modification to use the new 5<sup>th</sup> generation MRU in your equipment.

Production of 4<sup>th</sup> generation MRU has now ended. Therefore support for these sensors is still available, but replacement sensors are no longer available.

The production of the 5<sup>th</sup> generation MRU does not have identical signal interface and cannot directly replace a 4<sup>th</sup> generation MRU without the modification.

In addition, the new sensor modification can in some cases improve the AHC system. The increased possibility to transmit a large range of signals to the PLC system will make calculations and regulators for the AHC work more efficient and accurate.







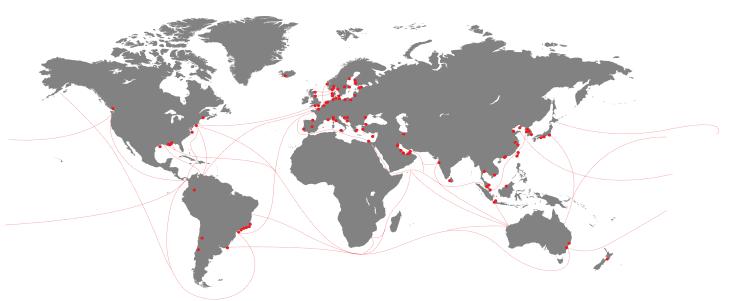


Wherever needed, you can rely on our support. We serve the following brands globally, and we also serve all others.

- Ankerlökken Marine
- Allset
- ASCA
- Becker
- BMH
- Conver-OSR
- Grampian Hydraulics
- Flintstone
- Greer Marine
- Hamworthy
- Hatlapa

- Hydramarine
- Hägglunds
- Interschalt
- KGW
- KYB ASCA
- KYB Kayaba Industries / Navire Cargo Gear
- Luezhoe
- MacGregor
- MacGregor-Conver
- MacGregor-Hägglunds

- MacGregor-Kayaba
- MacGregor-Navire
- Navire Cargo Gear
- Nordströms
- Ozean Service & Reparatur
- Platform Crane Services (PCS)
- Plimsoll
- Pusnes
- Porsgrunn
- Triplex
- Vestnorsk Hydraulikkservice (VNH)



MacGregor shapes the offshore and marine industries by offering world-leading engineering solutions and services with a strong portfolio of MacGregor, Hatlapa, Porsgrunn, Pusnes and Triplex brands. Shipbuilders, owners and operators are able to optimise the lifetime profitability, safety, reliability and environmental sustainability of their operations by working in close cooperation with MacGregor.

MacGregor solutions and services for handling marine cargoes, vessel operations, offshore loads, crude/LNG transfer and offshore mooring are all designed to perform with the sea.

MacGregor is part of Cargotec (Nasdaq Helsinki: CGCBV).

Published by MacGregor. Copyright © MacGregor October 2017. All rights reserved. No part of this publication may be reproduced, stored, photocopied, recorded or transmitted without permission of the copyright owner.





www.macgregor.com



