



MacArtney 20th ERVO Meeting 13th June 2018



World-wide sales and service support



- **Group headquarters**
Esbjerg, Denmark
- **Subsidiaries and sales offices**
20 locations in Europe, North America, Asia and Oceania
- **Distribution network**
24 locations around the world

Founded in 1978 by Martin and Winnie MacArtney
~ 400 employees in group companies

MacArtney offices



MacArtney Denmark



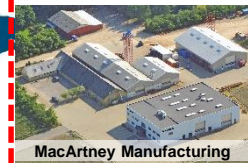
MacArtney UK



MacArtney Inc.



MacArtney Norge



MacArtney Manufacturing



MacArtney France



MacArtney Germany



MacArtney Benelux



MacArtney Hydraulics



MacArtney Canada



SubConn



MacArtney Singapore



MacArtney China



MacArtney Australia

Subsidiaries and distributors

Denmark | Norway | Sweden | United Kingdom | France | Germany
Netherlands | USA | Canada | Chile | Singapore | China | Australia

Needs / concerns we hear from the R/V community

- 1) Green vessels
- 2) Versatility
- 3) Up-time (redundancy)

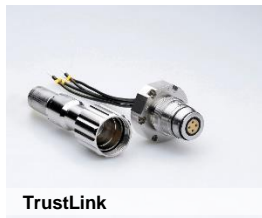
MacArtney brands



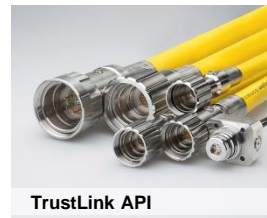
SubConn



OptoLink



TrustLink



TrustLink API



GreenLink



CORMAC



MERMAC



MERMAC A



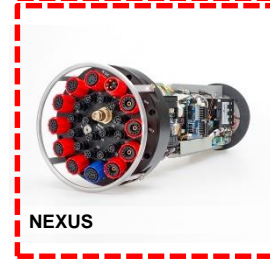
MERMAC D



CEMAC



EMO



NEXUS



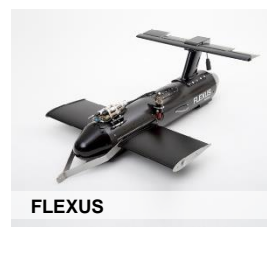
LOTUS



FOCUS



TRIAXUS



FLEXUS



LUXUS



Hydrostatic Pressure Vessels

NEXUS multiplexers



NEXUS MK III



NEXUS MK IV



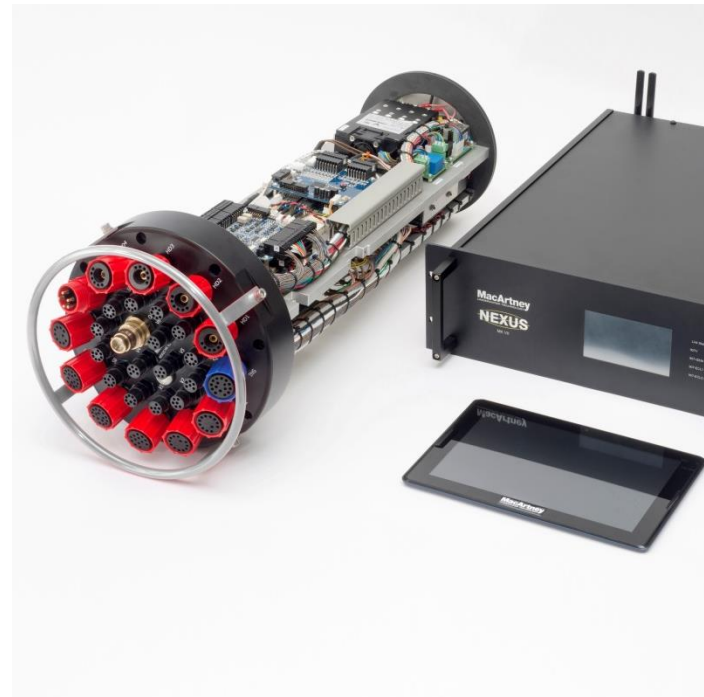
NEXUS MK VI



NEXUS MK E

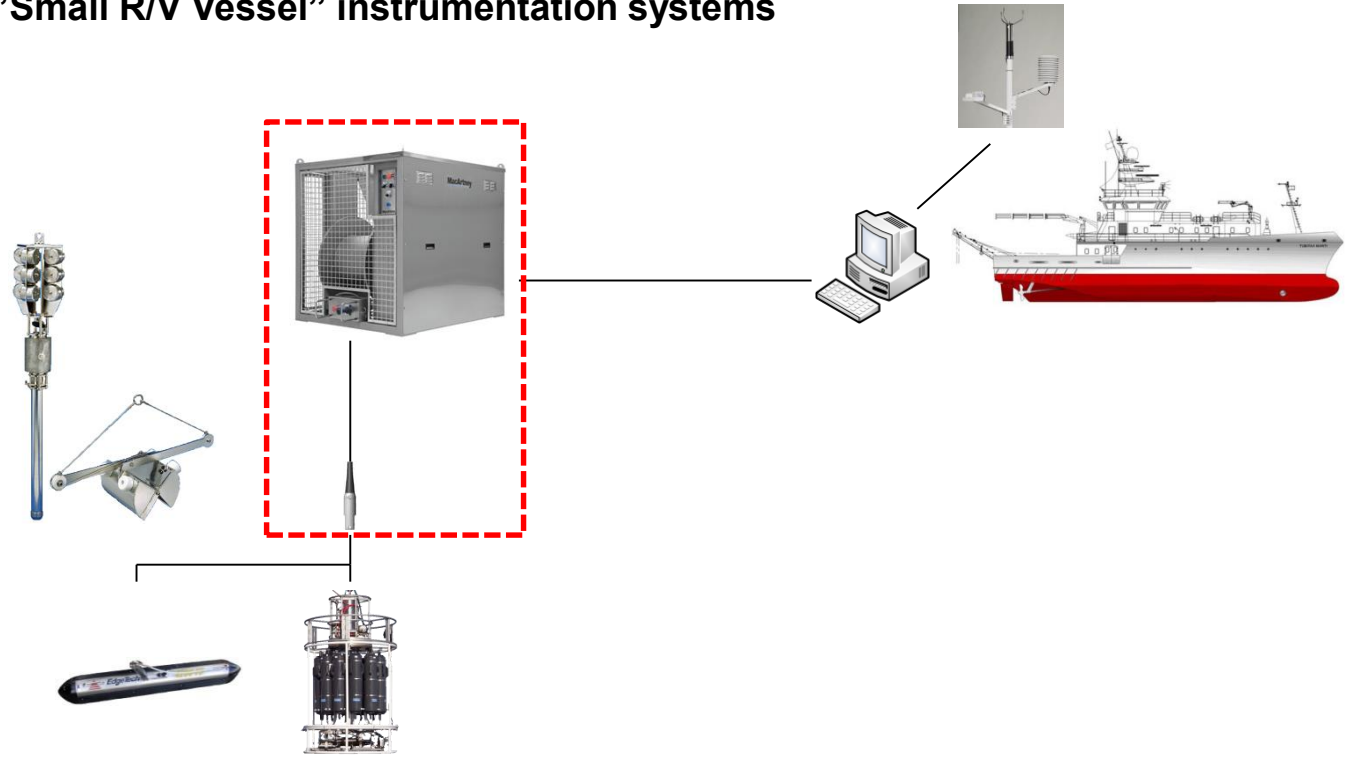


NEXUS MK C

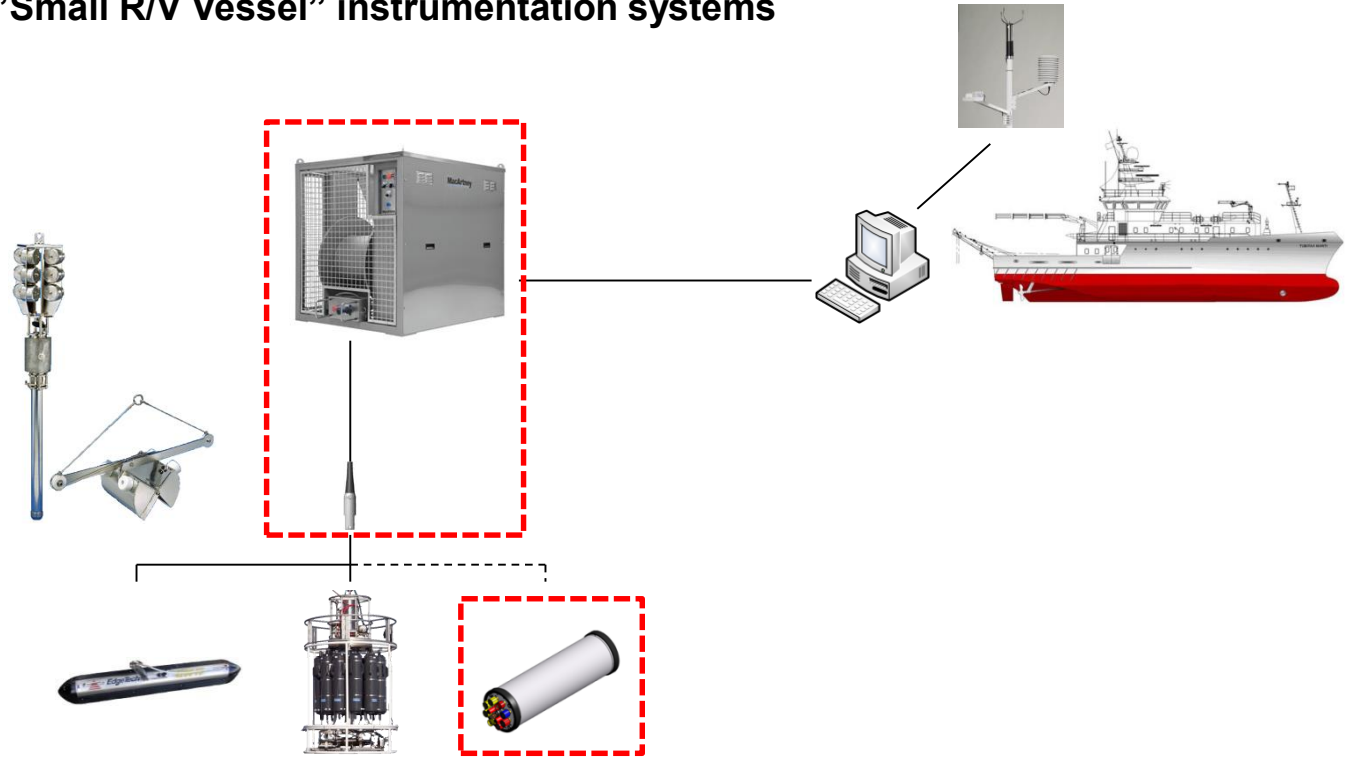


NEXUS MK VII

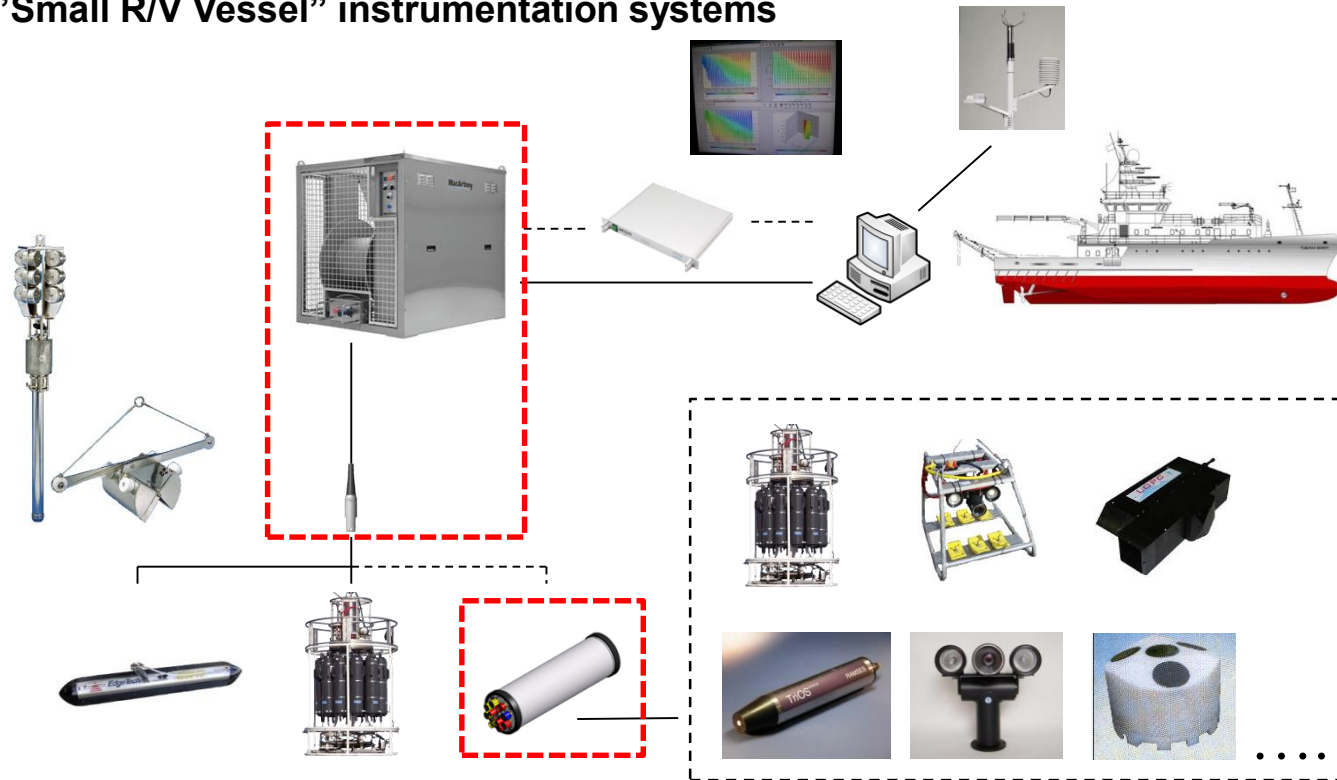
Instrumentation systems: "Small R/V Vessel" instrumentation systems



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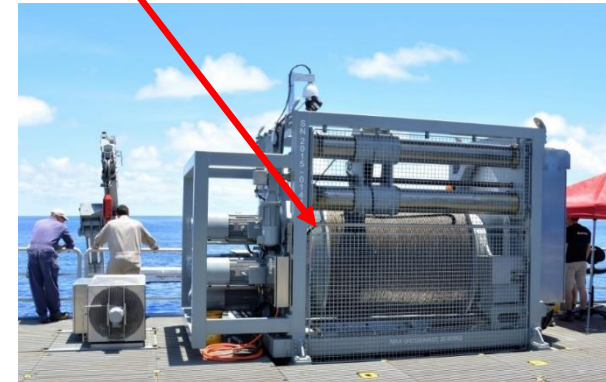
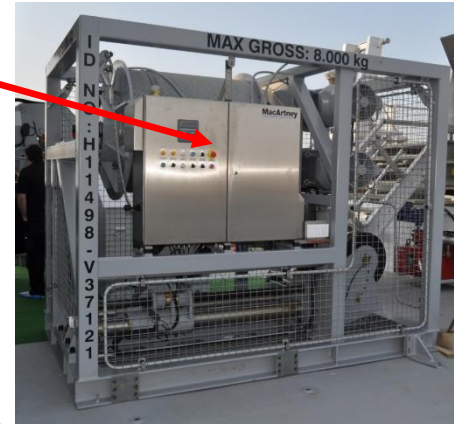


Ø 500

R/V Falkor LARS system

MERMAC A-Frame; MERMAC Docking Head; MERMAC CTD Winch

MERMAC ROV Winch



COMPLETE R/V winch and handling solutions



- Design, engineering and system integration
- Twin capstan traction unit and storage winches
- Winch control system
- Damping system and cable cooling system
- Slip rings and fibre optic rotary joints
- Turning sheaves, flagging sheaves and overboarding sheaves
- Umbilicals and synthetic ropes
- Installation, commissioning and training



- Design, engineering and system integration
- TRIXAUS ROTVs
- Scientific winches
- CTD and tow cables
- Portable marine crane solution
- Complete scientific instrumentation package
- NEXUS fibre optic multiplexer and telemetry systems
- Installation, commissioning and training



- Design, engineering and system integration
- Heavy duty winch with AHC
- Traction unit and storage winch for CTD profiling with fibre cable
- AHC winch for CTD profiling with coaxial cable
- Multipurpose instrumentation winch with AHC
- Traction unit and storage winch with AHC for piston coring
- General purpose steel wire winch
- Installation, commissioning and training



- Design, engineering and system integration
- General survey winch
- Large, medium and small wire oceanographic winches
- Profiling CTD winch
- Deep tow winch
- Water sampling winch
- Mooring winch
- Installation, commissioning and training

Complete systems – Case example

JAMSTEC – R/V Kaimei



RA winch with AHC and speed of 3m/s



RA winch with traction



CTD winch



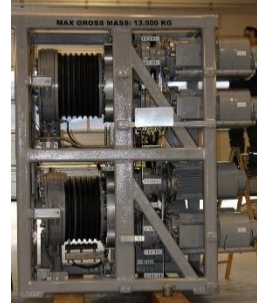
Combined controls, including wireless remotes



Portable multi purpose winch

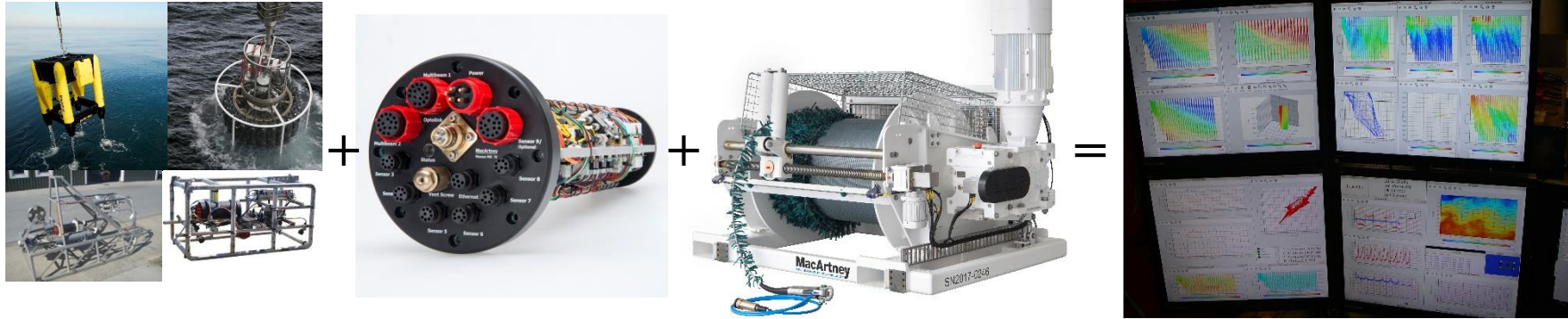


12.000m traction winch, with AHC and speed of 3m/s



Portable small winch

Complete systems – going forward



- ONE to MULTIPLE topside units using common FIBER-OPTICAL multiplexer and data telemetry and power supply system.
- Subsea electronics bottles interchangeable between ONE to MANY different main instrumentation platforms: CTD, ROTV's (TRIAXUS/FOCUS-2), drop camera systems, benthic sleds etc.
- Sensor packages may be moved and integrated across all main instrumentation platforms.
- Winch and instrumentation platform control from any R/V workstation.
- Increased versatility, redundancy and up-time.

World-wide sales and service support



Thank you for your attention

For further information

please visit:

www.macartney.com

or contact us at:

info@macartney.com