

## Advanced MacArtney TRIAXUS ROTV for CSIRO

MacArtney has supplied a TRIAXUS remotely operated towed underwater vehicle to the Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia's national science agency, and one of the largest and most diverse agencies in the world.

The TRIAXUS underwater vehicle will be utilised on Australia's Marine National Facility research vessel, the *Investigator*.

This instrument will be used in a diverse range of oceanographic research activities. Currently fitted with a CTD, laser optical plankton counter, transmissometer, fluorescence and PAR sensors, the TRIAXUS is well suited to many aspects of plankton research, however, utilising the CTD the TRIAXUS is also intended to be used in investigations of frontal features, air sea interactions and much more.

### **The R/V *Investigator***

Currently undergoing the final stages of construction, the highly advanced CSIRO research vessel, *Investigator*, is bound to provide a significant contribution to Australia's ocean research capacity and deliver increased opportunity for participation in research programmes at a global scale.

Beyond the MacArtney TRIAXUS system, the *Investigator* will feature a broad range of scientific systems and equipment to support scientists in oceanography, climatology, fisheries, marine ecosystem, environmental and geoscientific research.

According to Ocean Science Sales Manager, Hans Jørgen Hansen: "*MacArtney is delighted to see its TRIAXUS system contribute to the capacity of such an illustrious vessel and is keen to continue its close and long-standing cooperation with CSIRO.*"

### MacArtney

The MacArtney Group is a global supplier of underwater technology specialising in design, manufacture, sales and service of a wide range of systems to oil & gas offshore operators, surveyors, the renewable energy sector, ocean science institutes and navies across the world. The company offers an extensive variety of advanced and reliable products and system solutions spanning from subsea cables and connectors to state-of-the-art integrated packages, including fibre optic telemetry, underwater cameras and lights, oceanographic instruments, marine winch system and remotely operated towed vehicles. All the products supplied are designed and tested to supply high quality, efficiency and reliable performance in the challenging underwater environment.

MacArtney is a privately owned corporation established in 1978 with group headquarters in Esbjerg (DK). The MacArtney group also has offices in Aberdeen (UK), Stavanger (NO), Rousset (FR), Rotterdam (NL), Kiel (DE), Houston, Boston, San Diego (US), Victoria (CA), Hamela (BH), Perth (AU) and Singapore (SG).

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### Imagery

In case you should like to use the content of this press release package for printed media, MacArtney is able to supply the enclosed imagery in alternative resolutions and file formats.

### Image caption

1. *The TRIAXUS acquired by CSIRO is of the extended 'E' type featuring an even higher payload capacity*
2. *The CSIRO TRIAXUS will be deployed off the new research vessel R/V Investigator (courtesy of CSIRO)*