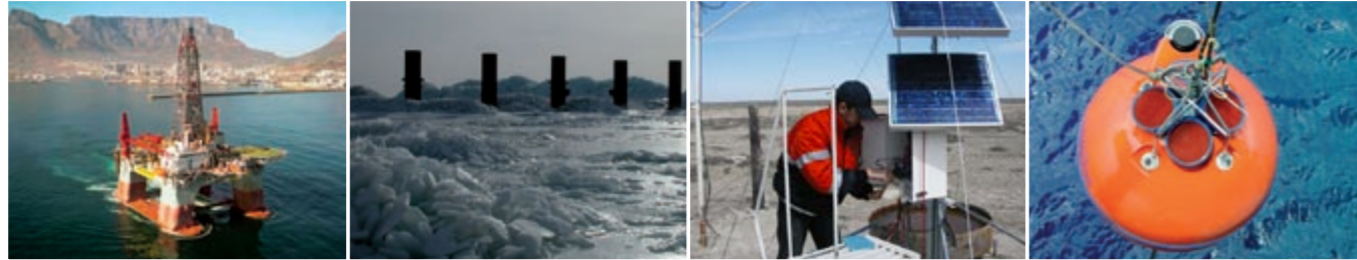




# METOCEAN SERVICES INTERNATIONAL



## CONTACTS:

### South Africa

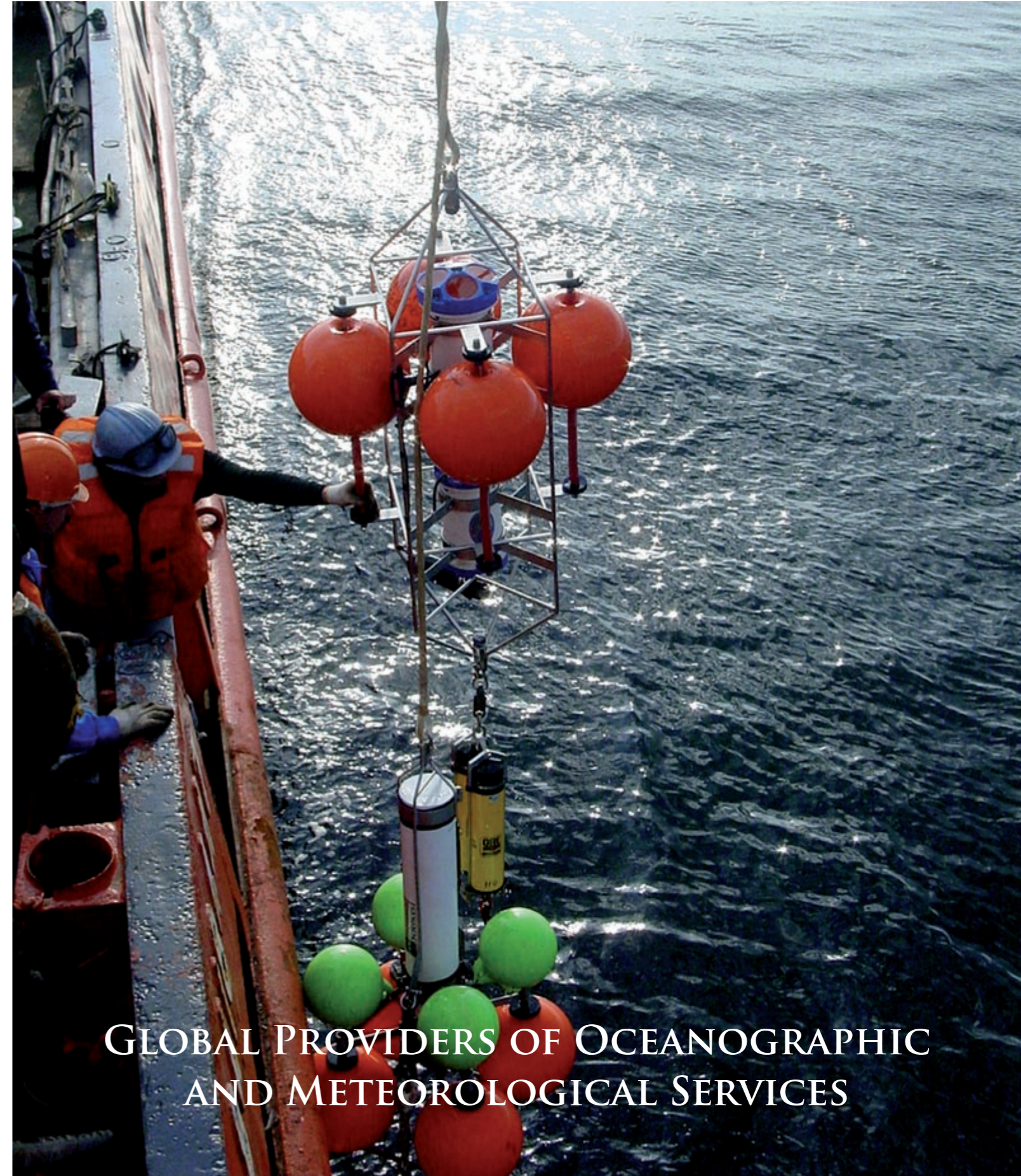
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## GLOBAL PROVIDERS OF OCEANOGRAPHIC AND METEOROLOGICAL SERVICES

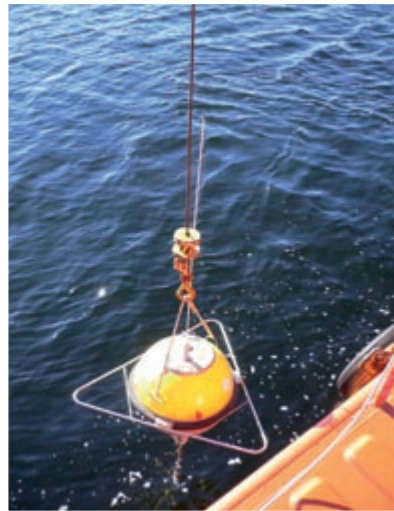
# METOCEAN SERVICES INTERNATIONAL

Formed in 2003, MSI provides the entire range of oceanographic and meteorological services internationally to the oil and gas industry, coastal engineers, dredging companies and port authorities.

MSI has a management team that brings together over 50 years of experience in the industry and is supported by a team of dedicated and experienced oceanographers, data processors and engineers. With offices in South Africa and Australia and with an extensive pool of state of the art equipment, MSI has successfully conducted operations in over 29 countries since inception.

## METOCEAN DATA COLLECTION

MSI's main focus is the collection of oceanographic and meteorological (metocean) data, and its subsequent processing. All measurement equipment can be deployed individually or integrated as part of a larger metocean system. Where data is required in real-time, this is easily achieved by using either cable, radio, GSM or satellite transmission systems



### WAVE MEASUREMENTS

For wave measurements, MSI uses either wave buoys, sub-surface instrumentation or radar; with the data either stored internally or transmitted in real-time.



### CURRENT MEASUREMENTS

For current measurements, MSI uses either acoustic doppler current profilers (ADCPs), single point current meters or radar.



### WATER LEVEL MEASUREMENTS

Water level/tide measurements are made using pressure gauges, acoustic systems or radar.



## METOCEAN DATA COLLECTION



### METEOROLOGICAL MEASUREMENTS

A variety of weather sensors can be provided for offshore or coastal operations, configured to operate independently or to form part of a larger data acquisition system



## ADDITIONAL SERVICES



### DESKTOP STUDIES

Review of existing data in the form of a desktop study can provide a cost effective alternative or precursor to a physical measurement program.

### SOFTWARE AND DATABASE DEVELOPMENT AND HOSTING

Using an in-house developed Matlab-based software suite (including both acquisition and processing components), MSI facilitates the storage of clients' metocean data in a format that is easy to understand and manipulate.

### PROJECT MANAGEMENT

MSI can undertake full Project Management of all aspects of metocean projects globally, ensuring programs are undertaken to the highest international standards.

### WEATHER FORECASTING

Through carefully selected collaborative partners, MSI can provide accurate site specific and route weather forecasts globally in support of offshore operations.

### ENVIRONMENTAL STUDIES

MSI can undertake baseline studies prior to/after operations commencing to determine the physical and biological status of the environment at a specific location.

