

# OFFSHORE EXPERIENCE

2009

## **ROV Pilot (JASON II)**

Rock, coral and animal sampling; Scientific equipment deployment and collection using Kraft manipulator; Survey operations (including photo mosaicing and multibeam mapping)

*NOAA ship Ron Brown, Key West - Pensacola*

*R/V Thompson, Tonga – Samoa*

## **Lead Navigator (JASON II ROV)**

Surveying and navigation using LBL transponder nets and USBL; Liaison with the Client and survey crew

*NOAA ship Ron Brown, Key West - Pensacola*

*R/V Thompson, Tonga – Samoa,*

*R/V Thompson, Samoa - Tonga*

*R/V Thompson, Samoa - Samoa*

*R/V Thompson, Hobart - Hobart*

2008

## **ROV Pilot (JASON II)**

Rock and coral sampling; Scientific equipment deployment and collection using Kraft and Schilling manipulators; Survey operations (including photo mosaicing and multibeam mapping)

*R/V Thompson, Hobart - Hobart*

*R/V Atlantis, Mazatlan - Manzanillo*

## **Geophysicist**

Geophysicist during large AUV pipeline and conventional site surveys. Role included quality control and interpretation of side scan sonar and hull-mounted pinger data using CODA and Kingdom software

*M/V Fugro GeoProspector, Sardinia - Sardinia*

## **Lead Navigator (JASON II ROV)**

LBL surveying and navigation using transponder nets and USBL; Liaison with the Client and survey crew

*R/V Thompson, Hobart - Hobart*

*R/V Thompson, Honolulu - Honolulu*

*R/V Revelle, Woods Hole - Miami*

*R/V Atlantis, Mazatlan - Manzanillo*

2007

## **ROV Pilot (JASON II)**

Rock sampling using Kraft and Schilling manipulators

*R/V Kilo Moana, Honolulu - Honolulu*

## **Geophysicist**

Commercial pipeline surveys. Role included quality control and interpretation of side scan sonar and hull-mounted pinger data using CODA software

*M/V Fugro Discovery, Den Helder - Den Helder*

## **ROV Data Systems Specialist (JASON II)**

Data acquisition, processing and management, including multibeam bathymetry, magnetometer data, CTD digital still and video photography for JASON II ROV

*R/V Kilo Moana, Honolulu - Honolulu*

## **Lead Navigator (JASON II ROV)**

LBL surveying and navigation using transponder nets; Liaison with the Client and survey crew

*R/V Atlantis, Astoria - Astoria*

*NOAA ship Ron Brown, Fort Lauderdale - Galveston*

*R/V Atlantis, Manzanillo - San Diego*

# CURRICULUM VITAE

## **Navigator (JASON II ROV)**

LBL surveying and navigation using transponder nets  
*R/V Maria S. Merian, Martinique - Gran Canaria*

**2006**

## **Mapping Specialist**

Acquisition and processing of Reson 8101 and Simrad EM1002 multibeam bathymetry data  
*NOAA ship Hiialakai, Honolulu - Honolulu*  
*NOAA ship Nancy Foster, St. Croix - San Juan*

## **ROV Data Systems Specialist (JASON II)**

Data acquisition, processing and management, including SM2000 multibeam  
*R/V Melville, Guam - Yokohama*

## **Party Chief (HMRG)**

Supervision of DSL-120a side scan sonar and Simrad SM2000 multibeam bathymetry data acquisition and processing; Liasion with the Client and survey crew during research and US EEZ surveys  
*R/V Thompson, Galapagos - Galapagos*  
*R/V Kilo Moana, Kodiak - Honolulu*

**2005**

## **Mapping Specialist**

SM2000 multibeam bathymetry data acquisition and processing and bathymetry chart production  
*R/V Melville, Tonga - Tonga*

## **Party Chief (HMRG)/ ROV Data Systems Specialist (JASON II)**

Supervision of DSL-120a side scan sonar and Simrad SM2000 multibeam bathymetry data acquisition and processing; Liasion with the Client and survey crew  
*R/V Atlantis, Rapa Nui - Tahiti*

**2004**

## **Mapping Specialist**

Supervision of Simrad EM120 and EM1002 multibeam bathymetry data and DSL-120a and IMI-30 side scan sonar acquisition and processing  
*R/V Kilo Moana, Wellington - Wellington*  
*R/V Kilo Moana, Fiji - Fiji*

## **ROV Data Systems Specialist (JASON II)**

Data acquisition, processing and management  
*R/V Thompson, Seattle - Seattle*

## **Party Chief (HMRG)**

Supervision of DSL-120a sonar data acquisition and processing  
*R/V Thompson, Rapa Nui - Rapa Nui*

**2003**

## **Party Chief (HMRG) / ROV Data Systems Specialist (JASON II)**

DSL-120a side scan sonar and JASON II ROV data acquisition, processing and management  
*R/V Thompson, Guam - Guam*

## **ROV Data Systems Specialist (JASON II)**

Data acquisition, processing and management  
*R/V Thompson, Astoria - Astoria*

# CURRICULUM VITAE

2002

**Party Chief (HMRG)**

Supervision of DSL-120a side scan sonar data acquisition and processing  
*R/V Thompson, Guam - Guam*

**ROV Data Systems Specialist (JASON II)**

Data (including SM2000 multibeam bathymetry) acquisition, processing and management;  
development of data processing and management techniques  
*R/V Thompson, Honolulu - Honolulu*  
*R/V Atlantis, Astoria - Newport*

**Geophysicist (HMRG)**

Multibeam shipboard acceptance tests  
*R/V Kilo Moana, Jacksonville - Honolulu*

2001

**Geophysicist**

Acquisition and processing of DSL-120a side scan sonar data during EPR research survey  
*R/V Atlantis, Manzanillo - Manzanillo*

2000

**Geophysicist**

Acquisition and processing of MR1 side scan sonar data for a commercial cable route survey  
*M/V Seabulk Ross Seal, Guam - Sydney*

1999

**Geophysicist.**

Dredging, coring and profiling of the southern rift zone of Mauna Loa volcano  
*R/V Moana Wave, Honolulu – Honolulu*