

Daniel S. Kot
OBS Technician
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EDUCATION:

Bachelor of Science in Business Administration, September 2002
Suffolk University – Sawyer School of Management, Boston, Massachusetts
Graduated Cum Laude with a GPA of 3.5/4.0

WHOI – RELATED

Small Boat Operator Certified
WHOI Forklift Certification
Inventor for Users of Solidworks: Full day training provided by AutoDesk - 12 MAY 2009
All indicated safety training: Current

EXPERIENCE:

Senior Engineering Assistant I, MAR2014 to Present
Engineer Assistant III, DEC2009 to MAR2014
Engineer Assistant II, JUL2008 to DEC2009
Woods Hole Oceanographic Institution, Woods Hole, Massachusetts

Deckhand, OCT2006 to JUL2008
Barnstable County Department of Dredging, Barnstable, Massachusetts

Servicing Executive, DEC2004 to JUL2006
Nation One Mortgage Company, Inc., Norwell, Massachusetts

Volunteer Assistant Wrestling Coach, 2000 to 2004
Sandwich High School, Sandwich, Massachusetts

Maintenance Person/Deputy Tree Warden, 1998 to 2003
Town of Orleans Highway Department, Orleans, Massachusetts

Current Role

- Employed in the Geology and Geophysics Department, working with the Ocean Bottom Seismograph (OBS) Group.
- In charge of the OBS Mechanical Shop and responsible for the mechanical side of the group, which includes maintenance, deployment, and recovery of the OBS instruments as well as some design. Lead point of contact for all mechanical design work in our group.
- Typically oversee a small group when preparing for a cruise. The highlights of these duties involve; prepping the glass sphere housings, installation of lithium primary and alkaline battery packs, prepping of the frame and sensor housings, ordering and machining expendables as well as other related hardware and tools.
- Responsible for all logistics. Includes but not limited to, shipment of our instruments and support gear both domestically and internationally, acting as main contact for the Ships and Principle Investigators, working with the ship and other members of the science party to establish a deck plan, mobilization and de-mobilization of the ship in regards to our gear, ensuring adequate scientific gear is available,

acoustic - hull transducer, NMEA strings, power for lab vans, RDF, etc. If this scientific gear is not available, providing an adequate plan or alternative equipment.

- Lead personnel for deck operations.
 - Responsible for the members of my group first and science second. This includes making judgment calls regarding working on deck due to weather as well as the duration of the time that we have worked. Once the call is made I'm responsible for discussing/informing the Chief Scientist.
 - Also includes ensuring that WHOI OBS personnel sailing on an OBS cruise while I am not, are properly equipped with the correct support gear as well as skills. In some cases, this means evaluating or getting recommendations from people who we know in order to rate a person who may be jobbing in for a cruise.
- Discovered an issue with our glass sphere housings that could have led to a catastrophic failure, instituted a fix based on our theory of the cause and to date have eliminated the issue. More research is required.
- This position requires time at sea. Lengths depend on the specific cruise but commonly it is around a month at a time.

WHOI - Service

Graded and Marine Personnel Committee (GMPC), 2016 to present – Co-Chair
Awards Committee - 2014

Graded and Marine Personnel Committee (GMPC), 2011 to 2013

- Aided in preparing and unrolling an Employee Satisfaction Survey in 2012. In addition, I was one of two speakers that presented the findings to the Directorate, HR and key individuals.
- Aided in unrolling the 'Opportunity Knock' program. This is a program run by HR that provides a venue for managers and scientist to post short-term opportunities for work within the institution to employees that are looking to job around.

Sea/Travel Experience

The cruises listed below have been limited to the cruises I have attended. I handled the logistics and prepped numerous other cruises that I did not sail on. Additionally, I have participated in a number of day cruises aboard the R/V Tioga and other ships which are also not listed.

- 2016 NOV 7th – 9th: OSV Scarlett Isabella
Right Whale Buoy turnaround (6 buoys).
- 2016 JUN 25th – JUL 08th: R/V Sikuliaq
Deploy borehole instrument.
- 2016 MAY 28th – JUN 04th: M/V Umbra
Recover 6 broadband OBS instruments.
- 2016 MAY 23rd – MAY 27th: Ocean Network Canada's (ONC) Facility
Setup and test borehole instrument in ONC's test tank.
- 2015 DEC 29th – 2016 FEB 28th: R/V Langseth (Columbia University)
Deploy and Recover 35 short period OBS instruments.
- 2015 AUG 24th - SEPT 03rd: R/V Oceanus (OSU)
Recover 24 broadband OBS instruments.
- 2015 MAY 10th - MAY 21th: USCG Cutter OAK
Deploy 6 broadband OBS instruments.
- 2015 MAR 26th - APR 8th: R/V Endeavor (URI)
Recover 30 broadband OBS instruments.
- 2014 JUL 05th - JUL 19th: R/V Oceanus (OSU)

- Deploy 24 broadband OBS instruments.
- 2014 MAY 13th - MAY 21th: R/V Oceanus (OSU)
 - Recover 21 broadband OBS instruments.
- 2014 MAR 28th - APR 14th: R/V Endeavor (URI)
 - Deploy 30 broadband OBS instruments.
- 2013 OCT 16th: R/V Mytilus (WHOI)
 - Acting skipper of vessel; completed surveys with ship and JetYak
- 2013 SEPT 19th – OCT 9th: R/V Oceanus (OSU)
 - Recover 30 broadband OBS instruments.
- 2013 SEPT 9th - 10th: R/V Tioga (WHOI)
 - Recover 4 short period OBS instruments.
- 2013 JUL 27th – AUG 11th: R/V Oceanus (OSU)
 - Deploy 23 broadband OBS instruments.
- 2013 MAY 31st – JUN 15th: R/V Oceanus (OSU)
 - Recover 23 broadband OBS instruments.
- 2012 NOV 29th – DEC 01st: R/V Connecticut (UCONN)
 - Recover 12 and deploy an additional 5 short period OBS instruments.
- 2012 SEPT 9th – OCT 11th: R/V Melville (SIO)
 - Deploy 30 broadband OBS instruments.
- 2012 AUG 13th – Sept 1st: R/V Oceanus (OSU)
 - Deploy 25 broadband OBS instruments.
- 2012 MAY 9th – 23th: R/V Oceanus (OSU)
 - Recover 23 broadband OBS instruments.
- 2012 JAN 18th – FEB 13th: R/V Thompson (WU)
 - Deploy 28 short period OBS instruments, 15 instruments were moored/tethered.
- 2011 NOV 9th – DEC 1st: R/V Wecoma (OSU)
 - Deploy 23 broadband OBS instruments.
- 2011 JUL 19th – AUG 8th: R/V Kilo Moana (UHMC)
 - Recover 12 short period OBS instruments.
- 2011 JUN 21th – JUL 1st: R/V Wecoma (OSU)
 - Recover 10 broadband OBS instruments.
- 2011 JUN 5th – 9th: Kodiak, Alaska
 - Offload 20' lab van and completed instrument checkout.
- 2011 FEB 25th – MAR 5th: Isla de Alborán (local oceanographic service ship/merchant ship)
 - Recover seafloor magnetotelluric (MT) instruments for Rob Evans.
- 2010 NOV 5th – DEC 14th: R/V Kilo Moana (UHMC)
 - Recover 30 broadband OBS instruments.
- 2010 SEPT 8th – 29th: R/V Kilo Moana (UHMC)
 - Deploy 12 short period OBS instruments.
- 2010 JUL 8th – 18th: R/V Wecoma (OSU)
 - Deploy 10 broadband OBS instruments.
- 2009 OCT 30th – DEC 11th: R/V Roger Revelle (SCRIPPS)
 - Deploy 31 broadband OBS instruments.
- 2009 JAN 5th – FEB 6th: R/V Atlantis (WHOI)
 - Recover 30 broadband, 8 short period OBS instruments and 7 seafloor geodesy tripods.
- 2008 DEC 4th – 8th: Astoria, Oregon
 - Installed 20' lab van on the R/V Langseth and completed instrument checkout.

LICENSES:

- Commercial Driver's License, Class B, Endorsements: Air brakes & Tank
- Massachusetts Hoisting Engineer's License, 1C (Hoisting Machinery with telescoping booms and forklifts), 2B (Backhoes and Front-end Loaders), 4E (Catchbasin Cleaner)
- D.O.T. (Department of Transportation) Medical Card – CURRENT

CERTIFICATIONS:

- OSHA Signal Persons/Riggers Certification
- WHOI Small Boat Handling & Emergency Procedures (provided by Ocean Rescue Systems)
- CPR & AED Certified in accordance with AHA BLS

SOFTWARE:

Proficient in Microsoft Windows, Word, Excel, Powerpoint and Access, Autodesk Inventor, Adobe Acrobat, etc. Additionally, was proficient in a number of mortgage industry programs and related report generating programs.