



GLOBAL NEWSLETTER

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Volume 2 | Issue 1

February | 2013

Environmental Division Partnering for Long Term Success



Relationships are critical to all facets of the maritime and response community; our approach is to partner with our clients for everyone's long term success.

Environmental Services at Global Diving & Salvage, Inc. apply this focus to both the marine and upland business sectors. With over thirty years of field experience, we are able to respond quickly in an emergency situation and understand the

sensitive challenges faced by our clients and regulatory stakeholders. This unique expertise is also reflected in daily scheduled operations: preventative booming, spill response, shoreline clean-up operations, yokohama fendering, product sales, and training services.

Global maintains conscientious and open communications with regulatory agencies on the state and federal level, a vital component of both emergency response and daily project events. Coordinated, decisive action and problem solving are required to minimize environmental impacts, which Global's four regional offices are equipped to address throughout the United States.

Personnel and services from the Environmental Division are often utilized for marine casualty and construction projects to assist with the specific environmental components of the project. This may include preparations for incidental release during the raising of a vessel, installing

pollution response gear and materials for construction projects, or operating heavy equipment at the journeyman level.

In light of these demands, there is no greater asset than our personnel. The key to project success at Global will always be professionalism and pride in our craft. Our project managers and field personnel offer wide-ranging expertise with regular cross-training in all our services to provide a distinctive advantage in the field. All Global personnel are HAZWOPER trained and TWIC compliant, and maintain all additional endorsements and credentials necessary for the task at hand.

Pacific Northwest Region Update:

Historically, Global provided services to the Olympic Peninsula from our Seattle headquarters, but in 2012 the footprint expanded beyond Seattle and Anacortes to include dedicated personnel and vessels in Port Angeles. Current services include spill response and preventative booming for a busy oil terminal and marine vessels in transit. With vessels in the water, mobilization for normal diving and emergency response operations are minimized as well.

California Region Update:

Global was recently awarded a contract with L.A. County Beaches and Harbors to provide an oil spill response trailer stocked with spill response materials and 1000 feet of oil containment boom. Global built and delivered the trailer to the County and then provided an 8-hour session of both classroom and hands-on field training. California's environmental team also recently completed a biannual cleaning, maintenance and repair project on a permanent oil containment boom system under the pier of a major marine oil terminal in Richmond, CA.

IN THIS Issue

- 1 Enviro Division in Review
- 2 HDPE Diffuser Installation
- 2 North Area Dive Bundle
- 3 Maximizing Valuable Bottom Time
- 3 News From Safety
- 3 Introducing Jose' Vindeola
- 4 Celebrating the Global Way
- 4 Global Announcements

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Work in the Cook Inlet, AK

Global Diving & Salvage, Inc. was contracted by Pruhs Construction to assist in the installation of an effluent diffuser structure for AEEC just off the beach of Nikiski, AK in the Cook Inlet. To perform the diving work, Global provided a seven-man dive team based off of Global's Dive Support Vessel Sand Island. Global worked with Pacific Pile & Marine, who provided barge support to complete the work to the client's satisfaction.

The dive team was tasked to locate the daylight end of the HDPE 4" pipe in zero-visibility conditions. Once the pipe was located, it was to be jetted down to the required grade. The divers retrieved the line out of the drive casing and pulled it to the surface for the final flange installation to be completed onboard the barge.

Once the flange was installed on the line, divers assisted in placing it back on the seafloor with a concrete anchor weight to hold it down. An H Pile for support was positioned and the diffuser tower was flanged up, then covered with cement sand bags. For additional protection, Pacific Pile placed rip rap over the whole assembly.

Global's dive team performed a detailed survey of the installation site after completion of the project and created a final report for the client.

The final installation was completed in November before the extreme weather conditions in the Cook Inlet could cause delays in production. Global personnel worked 24-hour operations under a tight schedule to complete the installation prior to the beginning of rapid ice buildup. Many thanks to Andy Gocke, Anthony Przyblyla, Ben Daily, Bernie Rosenberger, Don Doan, George Marin, Graham Waltz, Jacob Elhard, James Simonson, Jeremy Zimmer, Kevin Stafford, Matt Ferrier, Wade St. Clair, William Hiles, and Zachary Coots.



CALIFORNIA REGION UPDATE: NORTH AREA DIVE BUNDLE PROJECT



Global Diving & Salvage, Inc. recently completed the North Area Dive Bundle project for a large utility company in Northern California, which posed very distinct challenges from the beginning. Global needed to overcome the logistics of undertaking three simultaneous projects each with unique scopes bundled into one contract, which took place at three remote job sites located approximately 70 miles from each other. A substantial hurdle was the changing weather conditions in the high Sierra Nevada Mountains in the winter months, with snow and then flooding adding to the logistically challenging project.

Global demonstrated its ability to manage a complex project by assembling a command structure to oversee and facilitate the three individual projects. Members of the command structure were lead by a Project Superintendent, acting as the single point of contact with the owner and providing continuity between the three job sites. Additional members included a resident engineer to maintain the submittal roster as well as address unforeseen issues as they arose and an administrative coordinator to monitor the submittal and paper flow that ensues with a project of this magnitude.

Early December floods from a major rain event deposited approximately 3,000 cubic yards of river rock and gravel at the tailrace of a powerhouse associated with the work. Due to the tight schedule needed to accomplish all project tasks before the intense winter snow season began, overcoming the flood's obstruction was extremely critical. Crews were able to remove the material with an excavator and transport it to an upland stock pile quarry.

Over 700 dives were performed between the three job sites in water ranging from 25 to 205 feet at altitudes of up to 3,800 feet above sea level. Approximately 50 cubic yards of concrete and grout were placed and 150,000 pounds of steel were added.

Major shout-outs to all members of the TEAM; Abraham Rodriguez Garcia, Allen Deaver, Aubrey Snay, AW McAfee, Brian Donnalley, Buck Brennan, Chris Butler, Chris Hackworthy, Colins Goertzen, Dannel Gilchrist, Danny Broadhurst, David Dukes, David Edmisten, David Gill, David Partlow, Dean Stone, Emily Blanckenburg, Fredrick Foster, Gene Purtell, Jacob Bandy, James Geissler, Jeff Pietras, Joel Silver, Karl Kyrklund, Kathy Kaae, Kevin Pehle, Kevin Severns, Kyle Watson, Marc Mittry, Matt Ballard, Patrick Dodson, Patrick Timmins, Peter McCracken, Rick Rivers III, Ryan Smith, Shawn Morrison, and Theresa Saner.



Innovative Use of Technology | Maximizing Valuable Bottom Time

Working in low-visibility water poses many challenges, not least of which may be finding the object you're searching for. A structure, wreck, or pipeline can be 'precisely' located while utilizing surface GPS, but as the diver descends, the location becomes much more ambiguous. Valuable bottom time can be consumed in searching for the target object.

Global incorporates sonar technology to serve as the diver's eyes, able to see through even "black water." The sonar, connected to a screen in the dive control van, displays images in real time, allowing the dive supervisor to direct the diver to work sites that would otherwise be virtually invisible.

Bottom time is maximized as the first diver arriving at the site can set up a cross haul line from the anchor, leading all subsequent divers directly to the work location. This reflects Global's mission to work with optimum safety and efficiency in challenging underwater environments.



Introducing



Jose' Vindeola
Business Development
Technical Support

Mr. Vindeola will be essential in providing Global's current client base with high-quality solutions and also stewarding expansion both nationally and abroad.

Ryan Smith, Gulf Coast Region General Manager, states, "Jose's wealth of experience and industry knowledge has already made him a key addition to the Global family. We view his appointment as a sign of our commitment to being a leading maritime service provider. Jose' brings a diverse technical and business development background that will fit in well with Global. We are excited to have him as part of the Gulf Coast team."

Jose' Vindeola has cultivated an extensive background within the Maritime Industry with over 30 years of diving experience in both the Offshore and Inland sectors. He comes to Global Diving & Salvage, Inc. having spent several years in Project Management and Business Development roles.

News from Safety

Global's Dive Safety Committee is pleased to announce it has added new members. Please join in welcoming Michael Hofmann, AW McAfee and Herb Williams, who will assist Global with review of updates to our diving policies and procedures. Our Dive Safety Committee has updated Global's Emergency Procedures for Surface Diving Operations, which ensures that you know your role in an emergency. Watch for these new Emergency Procedures during upcoming training and at your jobsite. Thanks to Bruce Humberstone, Tom Crites, Leif Simcox, Herb Williams, and Danny Broadhurst for their input. If you have questions, concerns or clarifications with our diving safety policies, please do not hesitate to touch base with one of the dive committee members or the safety group directly.

Audit Program: Global's audit program helps monitor that Global is compliant with regulations, industry standards, and Global's own protocols. Our recent PG&E project in California required Global to complete client site safety audits every two weeks. Danny Broadhurst, Kyle Watson, and Kevin Pehle provided a fresh look on auditing these job sites. Global's PG&E project crew did a great job addressing corrective actions noted. Strong work,

guys! Should you like to complete a self audit on your job site and see how your site measures up, let Safety know - we're here to assist.

TEAM Program (Together Everyone Achieves More) emphasizes collaborating company-wide towards a safer work environment and increasing safety awareness through hazard observations. We would like to acknowledge a few folks that have done just that recently. Special thanks to Ron Larsen for his idea of making safety more visible with line pull signal placards, which you may have already noticed at your jobsite. Want a placard for your jobsite? Let Safety know! Thanks to Kyle Watson for recognizing non-standard company respirators were located in our California warehouse. Kyle sent them back to Safety to ensure they did not get issued on a jobsite. Thanks to new DMTs Jacob Bannach and Matt Ronne for their thorough inventory of all DMT and first aid supplies onboard their offshore surface project. Nice attention to detail, Jacob and Matt! And finally, thanks to Matt Nienow and Ryan Cummings on their safety observations and assistance in issuing a tool box relating to electrical penetrators, pressure ratings, and fittings.

GLOBAL NEWSLETTER

4



Thank you to all that were able to make it to the Global holiday parties. We want to recognize those who were unable to be with their families this year over the holidays - thank you for your dedication.

Global Announcements:

Celebrating Years of Service* (based on original start dates)

10 Years: AW McAfee

5 Years: Fred Foster & Steve Halasz

Global Employee Photo Competition Send Us Your Best Shots to marketing@gdiving.com

All submitted photos must portray and/or depict adherence to Global's safety requirements and must not violate any confidentiality obligations Global may have. You also authorize Global to use submitted photo(s) for promotional or other lawful uses.

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