



GLOBAL
Diving & Salvage, Inc.

GLOBAL NEWSLETTER

www.gdiving.com

Volume 3 | Issue 2

June | 2014

Rock Island Dam: Fish Ladder Update

Rock Island Dam is located on the Columbia River, approximately 12 miles south of Wenatchee, WA. A crack developed in a spillway of Wanapum Dam, downstream of Rock Island Dam, which necessitated a 25-foot drawdown of the tailrace. This created a significant obstacle for fish migrating upstream; they would not have access to the original fish ladder. With the arrival of migrating salmon just a few months away, this project took on a critical path very quickly.

Chelan County PUD, owners of Rock Island Dam, contracted Knight Construction from Spokane to install the emergency fish ladder extensions in three areas, two on the west bank and one on the east. Knight, who handled the fabrication and topside support, turned to Global Diving & Salvage, Inc. to provide diving support for the project. With a compressed timetable



required to complete the project, Global and Knight worked closely on scheduling the arrival of the fabricated items and their installation.

The extensions, similar to the structural components of the original fish ladder, consisted of steel boxes and flumes used to create pools and steps. These new boxes and flumes were mounted to the face of the dam, and in the case of the east side, were suspended from a pipe that spanned two pier noses. The project involved a wide array of construction techniques, including core drilling, setting of epoxy and mechanical anchors to secure the boxes and framework in place, and wall sawing to remove sections of the dam to allow access at lower water levels. The steel sections were bolted and in some cases welded in place.

By all accounts, the project has been a great success. According to the *Wenatchee World*, over 20,000 of the expected record

235,000 Chinook salmon have already traveled upstream past Rock Island Dam. Thank you to the crew for all their hard work: Abraham Rodriguez Garcia, Brent Hookom, Chris Schauer, Chris Butler, Colins Goertzen, Conrad Marchant, Dean Stone, Mark Plowman, Matt Ballard, Otto Visvader, Paul Guiou, and Ryan Smith.



IN THIS Issue

- 1 Rock Island Dam
- 2 F/V Mirage Salvage
- 2 WA Enviro Capabilities Expand
- 3 Cold Water Intake Survey
- 3 Annual Training Now Online
- 3 Introducing: Jennifer Jensen
- 4 Global Announcements

visit us at www.gdiving.com
T: 206.623.0621 | F: 206.932.9036

F/V MIRAGE S A L V A G E



The F/V MIRAGE, a 52' steel troller, ran hard aground on Low Island, an extraordinarily inhospitable lava shoal on the outskirts of Sitka Sound in Alaska. Global was contracted by the owner to mitigate the threat of pollution and salvage the vessel. The dangerous location mandated the use of helicopters to transport salvage personnel, fuel, and gear to and from the island. Defueling operations resulted in 1,420 gallons of diesel and lubes being safely and cleanly recovered from the vessel.

A total of 2,400 feet of twelve-inch Blue Steel floating hawser was required to reach the MIRAGE to the tug WENDY O standing offshore. Close coordination between the Global crew onshore, the tug, and the helicopter was required to successfully pass the towline out through the sweeping current and rocky shoals.

The MIRAGE was pulled from the shore, through the surf and into deep water where she was quickly boarded by the salvage crewmen. The vessel's condition was monitored as she was taken directly to the shipyard, where divers inspected the hull prior to placing her safely ashore. Another successful operation, thank you to: Andy Lawrence, Cara Cook, Ian Costin, John Juettner, Josh Watson, Kerry Walsh, Kris Lindberg, Otto Visvader, Pete Jobes, and Sterling Ulrich.



Washington State: ENVIRONMENTAL RESPONSE CAPABILITIES EXPAND

Global has expanded its marine environmental response capabilities throughout Puget Sound, the Strait of Juan de Fuca, and Grays Harbor in support of our existing customer base and Washington State Maritime Cooperative (WSMC). Each of the five service hubs are fully equipped with vessels, oil spill boom, sorbents, and personnel that are available for scheduled operations or emergency response 24 hours a day.

Service hubs have been established at the following locations in Washington State:

- Westport, serving all of Grays Harbor
- Port Angeles, covering the Port Angeles and Port Townsend areas
- Anacortes, supporting the San Juan Islands and North Sound
- Tacoma, covering the entire south Sound

- Seattle, serving the central and north Sound areas

Trailers and containers have also been strategically staged at Pier 90 in Elliott Bay and at Fisherman's Terminal, equipped with response equipment. Pier 90 includes over 7000' of containment boom, sorbents, and PPE in both the trailers and a container. Fishermen's Terminal is home to a 249 barrel barge for temporary storage, boom, and response equipment. Vessels in both of these locations can also be utilized for dive operations, as well.

Global's clients stretch up and down the West Coast, calling the Puget Sound home or making port of calls here on a routine basis. We hope our expanded footprint throughout the Sound provides more resources for our clients and a sense of comfort in knowing who you are calling.

Milestone Achieved: 5,000 Dives at Olmsted

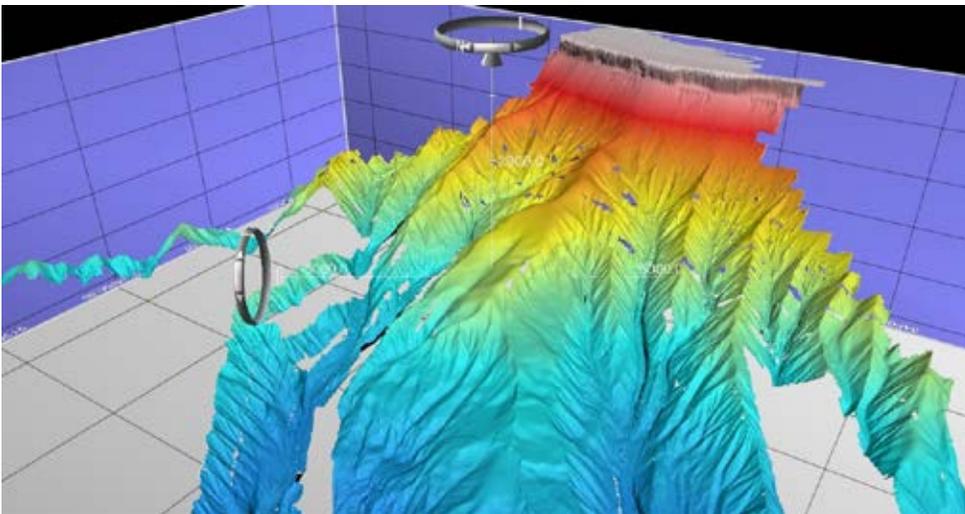


Global has been on the project since 2009, with divers routinely battling near-zero visibility and strong river currents. Thanks to all those who have made this possible. When this milestone was achieved, the following crew was there (photo from left to right): Mark Plowman, Nick Finney, Jerry Duke, Pete Guidry, Ed Meyer, Shawn Reagan, Chris Hume, Gary Sager, Tom Cameron, Paul Uszenski, Devin Bunnell, Brett Hoyle, Matt Wedding, and Ben Swan.

Cold Water Intake Survey

Global was contracted to perform a survey of the intended pipe route for the future installation of a cold water intake as part of an upcoming hotel development outside of Nassau in the Bahamas. This survey verified the proposed path of the pipeline and its results will ensure that no obstructions impede the final installation. The pipe will extend from the surface down to 4,000 feet in order to pull cold water for utilization in the hotel's cooling system.

Using Global's Cougar ROV, 3-D sonar and visual survey began 150 feet deep at the edge of a known 500 foot drop-off. From the foot of the drop off the visual survey continued throughout a valley to a depth of 4,000 feet. Five communication cables that were previously installed in this area were also tracked to ensure their paths did not cross or interfere with the intended pipe alignment. The ROV crew consisted of Colins Goertzen, Dan Anderson, David Edmisten, Eric Crumpton, Peter Wood, Scott Blair, and Warren Posten.



GLOBAL COMPASS: Annual Training Online

Annual Training is now available online through Global Compass for those who have previously taken Initial In Person Training (Annual Training In Person). This makes for a more efficient training platform for those working in remote locations and for the convenience of completing training.

Global Compass Login:

Go to Global's website, www.gdiving.com.

Click on "Employee Login" which is a link on the bottom footer section of the homepage. A new window will open, and you will then be taken to the Global Compass login homepage.

If you have problems logging in, email training@gdiving.com or come see Safety in the Seattle office.

After logging in and once your training window pops up, you will see what modules have been assigned to you underneath "My Training." Select a training course to begin and follow the prompts as directed.

Once you complete the necessary assessments (tests), Global Compass will send an email to Certs and automatically update your records.



INTRODUCING



Jennifer Jensen
Vice President
Quality Assurance

Global Diving & Salvage, Inc. announces the hiring of Jennifer Jensen as the Vice President of the newly formed Quality Assurance Group. Based in Global's corporate headquarters in Seattle, WA, she will direct the efforts of our Human Resources (HR), Health, Safety and Environmental (HSE), Claims and Compliance, and Professional Development groups.

"The development of this new position, VP of Quality Assurance," states Global President and CEO Devon Grennan, "is in direct response to our recent growth. Global is committed to continuing to uphold the highest standards to our employees, clients, and operations."

Jennifer has held management positions in the Airlines, Higher Education, and Retail industries. Prior to Global, Jennifer was a director in Human Resources overseeing Talent, Leadership Development, Organizational Development, and Employee Relations.

"I am happy to join a company where there are so many passionate people and amazing things happening everyday," states Jensen.



Global Announcements:

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

10 Years: Trinity Ng-Yeung

5 Years: Carlos Taylor, James Collier, Brian Donnalley, Alex Hess, Lars Nordgren, Warren Posten, James Simonson, Wade St. Clair, and Mathew Wedding.

New Faces in New Places

Sean Allen - Enviro Tech
Nathan Baldwin - Enviro Tech
Matthew Benesch - Equipment & Shop Mgr
Chris Bonney - Professional Development Mgr
Kevin Hamilton - Enviro Tech

Tanner Hirakida - Enviro Tech
Peter Huisinga - Enviro Tech
Lisa Huston - Contracts Assistant
Jennifer Jensen - VP of Quality Assurance
Rick Klebanow - Enviro Tech

Jeremiah Leffew - Mechanic
Kalin Martushev - Diver/Tender
James Riedel - Enviro Tech
Michael White - Enviro Tech

Equal Opportunity & Affirmative Action

Global Diving & Salvage, Inc. is an Equal Opportunity Employer and has in place EEO and Affirmative Action Policies. Global requests cooperation from its industry partners in meeting established goals in the hiring of qualified minorities, females, veterans and those with disabilities.