



June 2008

SubSea Solutions Newsletter "The Chronicles"

Rapid Cost-Effective Worldwide Underwater Repair Solutions

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Its been an exciting month for the Subsea Solutions Alliance. We are pleased to highlight some of the services we have provided to our customers this past month to keep their equipment sailing the high seas.

Please take the opportunity to down load our quarterly newsletter from our web site and enjoy with your colleagues!

Seal Solutions for Pristine Waters

Seal repairs in the Galapagos Islands



When a small cruise vessel operating in the Galapagos Islands experienced outboard shaft seal problems, the experts at the Subsea Solutions Alliance were called into action. Prepared for the

worst, the SSA dispatched equipment and certified seal service engineer / divers to support an in situ repair. In order to carry out the repairs without interruption of the vessel's cruise schedule, two 4 man teams mobilized from SSA offices in Miami Florida, Los Angeles California and Vancouver British Columbia to provide 24 hour, around the clock operation capacity. After flying through Guayaquil Equador to the Galapagos, the team completed the final

transportation leg to the vessel's anchorage via Zodiac inflatable tenders. Within ONE day of arrival on board, the team removed the rope guard, determined the source of the leakage, repaired the seal, pressure tested the system, witnessed a sea trial and re-installed the rope guard.

The vessel sailed on schedule without requiring the operator to find a dry dock and take the vessel out of service. Additionally, the most environmentally sensitive ecosystem in our world was saved from potential oil pollutants by the dive professionals of the Subsea Solutions Alliance.

Blade Replacement inside the Tunnel

When time is of the essence



Tug and vessel assistance costs are substantial when a tunnel thruster is out of service. *"Time is of the essence"* when it comes to repairing a damaged tunnel thruster. In almost all cases the pay back for an underwater intervention is within 1 month with today's average tug rates in ports throughout the world.

This month SSA member Trident BV was called to the port of Constantza, Romania to exchange damaged propeller blades with new blades.

Utilizing the Subsea Solutions Alliance's exclusive "soft dry door" system, the blades were replaced one by one in a dry habitat environment. The repair was performed in a short 3 day period with minimal impact to the vessels schedule.

Solutions is in our name and timely repairs globally around the world is our game. Let us perform our underwater repair solutions for you!



Subsea Solutions Alliance Training Program

As the industry continues to focus on training and excellence, the Subsea Solutions Alliance steps up to the front of the line by completing their second training facility in Long Beach, California. With the ability to train on a FULL SCALE stern seal model, the TransHab can be deployed in a controlled environment allowing the SSA divers to hone their skills to perfection. Utilized to certify the diver / technicians to all classification society requirements, this additional training facility allows SSA personnel to stay current with ever changing industry

standards. If you are ever in Long Beach, California, please feel free to stop by and take a tour or this newly finished state of the art facility.

The Subsea Solutions Alliance (SSA) is a consortium of underwater ship repair specialists including: All-Sea Enterprises Ltd, Miami Diver Inc, Parker Diving Inc and Trident BV. With a dedicated staff of over 100 divers globally, SSA has revolutionized the methods of repair for ship equipment underwater. Through a common shared system of dive equipment, specialty tools, and dive personnel the SSA is able to mobilize quickly anywhere throughout the world with diver / factory trained service technicians for most OEM equipment. From the replacement of aft propeller shaft seals to the exchange of thrusters to straightening large bends in propellers, SSA has become the OEM's choice for all types of complex repairs. With class approved techniques and a highly trained staff in both underwater ship repair and propulsion equipment maintenance, SSA is the clear choice for vessels operating in sensitive environments and on critical trade routes.

For Further information please feel free to contact:

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