



August 2008

SubSea Solutions Newsletter "The Chronicles"

Rapid Cost-Effective Worldwide Underwater Repair Solutions

In This Issue

[Controllable Pitch Propeller
Repairs](#)

[Fin Stabilizers](#)

[Stern tube bearings](#)

Quick Links

[Maritime Executive
Article](#)

With the summer winding down in the Northern Hemisphere the Subsea Solutions Alliance remains active in all market segments.

This Month we tackled major projects quickly, safely, and without taking vessels out of service. This involved close coordination with our clients and partners as well as skilled performance by our diver / technician teams. Enjoy reading about the quick solutions developed and delivered by the Subsea Sea Solutions Alliance in August, 2008.

Visit our New and
Improved

Web Site!

LOTS MORE INFO
ADDED!



An emergency arises in the Azores
Controllable Pitch Propeller exchange in no time

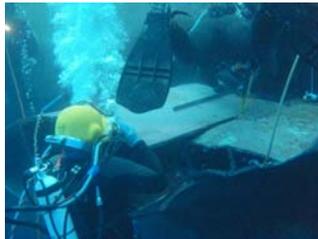
www.subseasolutions.com

Join Our Mailing List!

Subsea Solutions Alliance in the Netherlands received an urgent call from a propulsion system provider late one FRIDAY afternoon that a ship owner had just damaged some propeller blades after a grounding. New propeller blades were available on board, but they needed to be changed out to prevent further damage to the propeller shaft bearings and propulsion system. Isn't it ironic that emergencies always happen on Friday afternoon?

Subsea Solutions Alliance sprung into action. The necessary tools, dive spread and equipment was packed and shipped from **Subsea Solutions Alliance** in Terneuzen, The Netherlands Saturday morning for flights to the Azores. Specialist Diver / Technicians were sent out Tuesday morning and arrive in the Azores by 12 PM Tuesday afternoon. When the technicians arrived at the airport in the Azores, the tools and equipment had already cleared customs and by 1 PM the diver / technicians, equipment and tools left the airport in route to the vessel in the harbor.

Working straight upon arrival to the vessel, the team successfully replaced the damaged propeller blades within hours and the vessel was back in service WITHOUT delay to the schedule. Fast response, quality and safe service is what the **Subsea Solutions Alliance** is all about.



Multiple Fin Stabilizer Extractions

Performed on the "fly" without cranes!

The **Impossible was made possible** by the innovative thinking and creativity of the **Subsea Solutions Alliance**. When a major cruise liner faced the scenario of multiple fin stabilizers with linear indications (cracks) the **Subsea Solutions Alliance** team from Miami Florida, USA and The Netherlands was called in to develop a process of extracting multiple 23 ton Fin Stabilizers within a 12 Hour port stay WITHOUT taking the vessel out of service or missing any of their ports of call while cruising the Mediterranean Sea. Since new Fin Stabilizers could not be produced in time for the next dry docking interval, the only way to repair the existing fins for the next dry dock was to remove them underwater. This request was a tall order due to the fact that this type of extraction *was never performed before on*

fin stabilizers of this size within this tight time frame. Specialty equipment needed to be designed and fabricated due to the fact that not all ports terminals had sufficient land based equipment available in the right areas to support the extraction process while the vessel was disembarking passengers.

Subsea Solutions Alliance personnel from Maimi Florida and Long Beach California USA worked together and prepared the necessary engineering and fabricated the necessary tooling in order to perform this task with the vessel cruising the Mediterranean.

The procedure and equipment operated flawlessly and the affected Fins were removed for land based repair. The resulting process allowed the vessel to remain in service without any schedule deviations. The alternative would have been a lengthy dry docking period resulting in severe off hire losses to the vessel's owner.

The above project clearly demonstrates the spirit of the Subsea Solutions Alliance- ***We make the Impossible Possible.*** Let us know your issues and let us develop a repair solution that fits your trade route.



SS Badger- A Michigan Icon repaired

Stern Tube Bearing repair done underwater

Up on the Great Lakes in the United States of America, a legendary coal burning steamer the SS Badger transports vehicles and passengers without fail. Unfortunately this past month the ship experienced a problem with a stern bearing that could not be repaired quay side, forcing it to sail to the shipyard in Sturgeon Bay, Wisconsin. Because no dry dock space was available, a team of underwater repair specialists from **Subsea Solutions Alliance** in Long Beach California were flown in. The team worked around the clock and was able to re-install the stern tube bearing and fabricate the necessary locking devices to ensure that this problem would never happen again. This was the first time since 2005 that Lake Michigan Carferry, the Badger's owner, had canceled a trip for mechanical reasons. The SS Badger

transports thousands of passengers, cars, and commercial trucks at the height of the tourism season. The absence of this vessel for even a few days effects the economic viability of the port cities on both sides of the lake so the local communities were ever grateful for the creativity and diligence of the team from the **Subsea Solutions Alliance**.

As the team of divers left the great state of Michigan, people on board the plane were saying "hey here are the guys that fixed the Badger!" It's great being local heroes!!!!

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:

Rick Shilling
Subsea Solutions Alliance
PropEL Marine LLC
Sales and Marketing Manager
SubSea Solutions Alliance
E-Mail: subseasolutions@comcast.net
phone: +1-914-826-0045

✉ **SafeUnsubscribe®**

This email was sent to rick.shilling@comcast.net by subseasolutions@comcast.net.
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by



SubSea Solutions Alliance | 69 Peter Road | Brewster | NY | 10509