

"Fusion Line"

Speciality Welds Newsletter

Summer 2006 Issue 21



We are happy to report a successful job for Ausco, who had no previous experience using this type of product but had no difficulties, and has shown that even with limited equipment and expertise, **Swordfish** gets results safely and efficiently. A job well done; we're glad to have been of service. If you want to learn more about the Swordfish arc cutting electrodes, please visit our website at www.specialwelds.com where you can download the **Shell report** which details a set of safety and performance trials that were undertaken.

Corus Developing Automated Hammerhead System

We have now signed a 5 year agreement with **Corus**, the specialist steel producer, to develop the Hammerhead system into a **fully shielded, automatic** welding system. Systems are powered by **Mahe, delta digital** inverters, which have the Hammerhead control features pre-installed. We have also been asked to visit



Hydrex in Belgium and **GB Diving** in Holland to demo this system

for underwater welding applications.



Class I Qualifications Successfully Acheived

A visit to **Dive Technologies** was recently undertaken to formally qualify their welders in MIG/MAG welding, for Modulift's new lifting frames. We are pleased to report success, with over six welders achieving passes to **BSEN ISO 287-1:2004**, which is no mean feat, so very well done lads. The welders were required to carry out two weld tests, including both plate and pipe sections..... Whilst we're on the subject of testing, we are also pleased with the news from **Blacksmith Marine**, in the USA, who has successfully completed a number of wet



welding trails using **Barracuda Gold**. We were asked to advise them on all welding issues and produce appropriate WPS. The welding is to be conducted for **Eilat Ashkelon Pipelines**, an Israeli company, and will involve welding a new flange to an existing pipeline.



Seawork Exhibition - A Successful Event



It's been a while since we last exhibited at Seawork, although we always make a point of attending the show, either as a visitor or conference speaker. This year we decided to have a stand and display the range of **Mahe** inverter based digital welding equipment. TIG welding equipment received special attention, especially for welding **aluminium alloys**. If you need to learn more about this range of equipment, please contact us for a no obligation quote. As always, this venue proved a great place to meet up and socialise and even finding time to have a beer or two with old and new friends alike!

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Well the holiday season is well and truly upon us, but everybody seems as busy as ever welding away. If you haven't had your break yet, then I trust you will find the time to relax while the sun still shining! We hope you enjoy our extended summer newsletter, happy welding to all

Hammerhead Adopted for Port Oriel & Dublin

Following tests to prove the feasibility of our new wet spot welding process, **Kirk McClure & Morton** give **Langan** construction approval for **Irish Divers** to begin welding anodes at Port Oriel. We are pleased to learn Irish Divers confirm the process, on average, is offering over a 50% cost saving compared to conventional wet welding. The photo shows a macro of one of the wet spot welds undertaken in Dublin harbour, which **Jacobs Babbie** called for a load of 10 tonne to be applied to each bracket. To date 700 + anodes have been successfully installed using this method.



Barracuda Gold meets Best Quality Demands

We welcome **Oy Dyke** as a new customer. Following a request to supply welding and cutting electrodes for a repair project in Helsinki harbour, Company director and lead diver, Tuomas, offered his thanks & appreciation for a quality service and top quality product, and confirmed **Barracuda Gold** electrodes performed excellently. The work which took place between October 2005 and July 2006 was to protect existing Larsen piles against ice pressure. Concrete elements (100mm thick) reinforced with stainless steel were installed as a mould for casting concrete elements between the existing Larsen piles. We would also like to welcome **Sukot** as a new customer, who have recently signed an agency agreement to sell our products in Turkey. The first shipment is underway and we look forward to working with them to develop this market place.



WeldCraft-Pro Courses starts at PDA

Its official, our **WeldCraft-Pro** course has now been adopted by PDA as its official welder training programme. The first course, which was completed in mid July, has qualified 5 divers under the new BSEN 15618-1 standard. The course, which follows the (EWF) **European Welding Federation** guidelines for fillet welder is available in either a 40 or 80 hour programme depending upon experience of the diver and is available at PDA's centre in Dunoon, Scotland. For more information on how to kick start your welding skills contact PDA on 01369 701701. To download a copy of the course syllabus, visit www.specialwelds.com



Swordfish - thumbs up in West Africa

Following a request from **Ausco Enterprises** in West Africa to try our **Swordfish** arc cutting electrodes, we shipped out 250kg electrodes to enable the removal of an old sunken vessel.