

# "Fusion Line"

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Issue 30 – Christmas & New Year 2010/11

Well, the season of good cheer is almost upon us and so we wish all our customers, friends and colleagues a very Merry Christmas and a happy New Year. No doubt the early snow fall will make for a white Christmas. Although, here in West Yorkshire we haven't suffered too badly from the snow, yet. We do however, feel for our customers in Scotland, who according to the BBC news at least, have had it extremely bad! We apologise to all our Scottish customers, as we still can't ship any goods to Scotland; TNT is still not delivery goods there. Although, hopefully, this policy will be rescinded very shortly. We are very conscious not to end the year with a moan, but we do need to ask all our customers if you still want to have a newsletter, then please, please, send us details and photos of any projects you have been involved with, as without any news from you, we have no newsletter to write!

We have been really busy this year, with new customers in Greece, Poland, Russia, Hungary, Denmark, Indonesia and Malaysia, although we have no pretty pictures or stories to share with you! We have received registered enquiries for our Weldcraft-Pro course from UAE, South Africa, New Zealand, and Greece.



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EAL have just completed their audit for our 'test centre' status and we are pleased to confirm all was well and our status is assured for another year.



I think the first thing we would like to advise everybody is that we have moved and of course apologise to any callers who – found it very difficult to get hold of us between 8<sup>th</sup>-10<sup>th</sup> December. Unfortunately for us, BT made a real mess of telecoms, even though we gave them 10 weeks notice of our move, they still wanted to fit a new line and broadband in our old premises. I know; don't get us started! Please make a note of our new address, which is as follows;

Unit1  
Rawfolds Way  
Spenn Valley Industrial Estate  
Cleckheaton  
West Yorkshire  
BD19 5LJ  
United Kingdom.

The telephone, fax and email all remain unchanged. This new building allows us to maximise our welder training and qualification services and our training centre will open early January 2011. We will also be looking into acting as official UK distributors for Lastek welding consumables and we look forward to bringing this top quality product to the UK. We have now worked very closely



with Lastek for many years and in our opinion the quality of their welding consumables and equipment is second to none. Our new yellow Piranha safety switch is proving popular. Of course we still manufacture the black one, so if this is your preferred colour, no worries (choice of colour options subject to availability of course).



Sweden's Fire and Rescue's diving school in Gothenburg commences its first Weldcraft-pro underwater welding course in February 2011 and we are very much looking forward to working with them to provide expert welding skills to the country. Mr Dan Hedberg the head of the diving school has requested our intrepid senior welding specialist Mr. D. Keats to be in attendance at their centre, to oversee the first course and carry out all the welder qualification testing,

under our EAL and Zurich Insurance accreditation status. I know David is very much looking forward to this, as Gothenburg is his favour Swedish city. The New Year also includes a trip to Norway. Dag Wroldsen, the co-owner and Director of the commercial diving school **Norsk Yrkesdykkersole** has requested our attendance at their school in Fagerstrand, near Oslo to look at training their welding instructors on implementing the Weldcraft-Pro underwater welding course. We very much look forward to working with both our Swedish and Norwegian friends. Dag has also ordered another two Mahe 300 delta digital welding inverters for their welding school. This machine is perfect for underwater welding, not only from offering an excellent arc characteristic, but particularly with safety in mind. On the delta digital models, the open circuit voltage (OCV) can be set as required and offers adjustment from as low as 15 volts to a



maximum of 70volts; making it as safe as possible for the diver. Our real-colour auto-darkening welding filters are proving very popular, with orders coming in from all over the world. The **Professional Diving Academy** has successfully completed its 10<sup>th</sup> Weldcraft-Pro course back in November, so well done to PDA. **D-Tec**, a Belgium based company will be opening its doors in the New Year to its brand new



welding training centre, right in the centre of Antwerp. We are working very closely with **D-Tec** to get the specification for all equipment and facilities just right for this centre. The dive tank in particular is going to be something very special indeed and is a bespoke design. D-Tec will be running the **Weldcraft-Pro** and this will mark the start of offering this programme in a number of languages other than English. The programme, which is the only externally accredited underwater welding training programme available anywhere and follows the International Institute of Welding (**IIW**) and The European Welding Federation (**EWf**) guidelines. The programme is approved by **EAL** and is also formally recognised by The Institute of Marine,



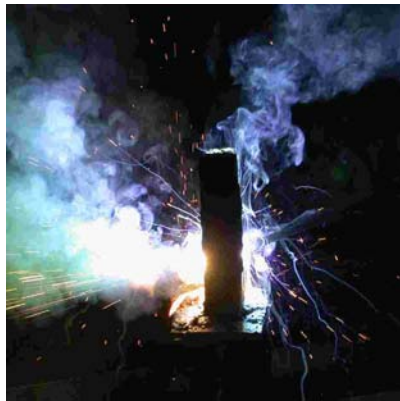
Engineering, Science and Technology (**IMAR EST**). So if you are looking for the best in welding skills, look no further and contact us now. **Dive Technologies**, part of the **Specialised Industries Group**, based in Weymouth have successfully carried out welding work on the **DSV Seven Atlantic**. This work was a direct inquiry from the Shipyard that that built the vessel (**Merwede Hardinxveld-Giessendam**). The task was to wet weld approximately 9 meters of fillet weld on sections of RSA in the moon pool area of the two dive bells. These 'streamliners' were designed to prevent unwanted harmonic vibration, caused by the moonpools when the vessel got close to it's top speed. **Dive Technologies** were able to mobilise quickly and be on the vessel with their own equipment immediately. A special thank you to **SubSea Seven** for all their assistance throughout the whole project, by furnishing all the accomodation on board the vessel and use of their personnel to operate all the necessary equipment, etc. After preparing the areas for the streamliner bars and fitting screw dogs, welding



commenced by tack welding the dogs in position, fitting the streamliner bars, clamping up with the dogs and finally welding in position. All welding was carried out using **Barracuda Gold** electrodes, the Mahe 420 amp welding inverter and the **Pirhana** 400 amp safety switch. **Dive Technologies** also carried out a cutting job, using our **Scorpion blue** exotherim cutting lances.



This involved cutting approx 12m of trench piling in shallow water (2-4ft) on vertical bracings. This was carried out in order to return the river to its natural levels to help encourage wild life. We are pleased to report **Swordfish** electrode, keeps finding new niche markets around the world, with more and more orders for this product for both above and below the waterline. This electrode offers a great alternative to traditional exothermic/oxy-arc cutting



methods, as no oxygen is required and they have been proven to be far safer. The latest meeting of International Diving Schools Association **IDS**A was held in Rotterdam this year, at the very impressive facilities of **SMIT**. Thank you to **SMIT** for hosting this event and proving us all with a guided tour around their facilities. We also enjoyed a pleasure cruise around Rotterdam Harbour, together with an excellent evening meal onboard. Diving schools from all over the world were in attendance and Mr. John Rabone from **Interdive** spoke about the work currently being undertaken by British Institute of Non-Destructive Testing **BINDT**, to

offer an alternative to the CSWIP scheme for diver inspector. As members of this Institute we also sit on this working group and I know there is great interest in this scheme. In fact, our very own Mr. Keats must take some credit for mobilising **BINDT** into action some years ago, following many enquiries by companies wanting to look at alternatives to CSWIP, which is run under the Welding Institute banner **TWI**. **A big thank you to all our customers for their support over the year, including; Hytech, Dutch Diving, Divewise, Pommec, Malaysia Uni, Marex, Interspiro, RCH, Terrossystem, Underwater Centre, Arwell, SMP, Titan, Shearwater, E. Pihl, Red7, Northern Divers, Specialised Technologies, Clyde Commercial, Advanced Marine, Subsea Services, Corrocell, Advanced Marine, Barents Marine, Marine Specialists, Megatugs, Chamber Oceanics, JG Burns, Seneca College, Salverson, OSN, Institut fur Werkstoffkunde.** If you would like us to include one of your stories. Just send us a few words and a photo and we'll do the rest.

