

MARKLINE

CEproof is a market-leading consultancy in CE marking for European Directives

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New Zealand Office

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The newsletter of the CEproof organization

This issue of MARKLINE continues on the theme of our growing international reputation. Our CEproof website has reached the top 10 Google Brand recognition in our category and has become a leader in the field of CE marking with well over 17,000 hits per month. More significantly, the visitors to the site eat-up a lot of bandwidth showing that visitors find CEproof's website to be very informative. As a result, "CEproof" is now a top search word in its field on Google.

This recognition has already had profound consequences. "CEproof" was considered too descriptive for a trademark unless it became an established brand well-associated with the company. This is now beyond doubt and CEproof was, earlier this year, provided with its trademark certificate.

As our Company broadens the scope of work outside the RCD, so too does our depth of knowledge of the workings of the EU in regards to Product Directives. We are now able to call on expertise from a wide range of talent and this issue examines some of that work. We hope you enjoy this issue of Markline and as always, any comments are welcomed.

Traditional CE Marking in Cowes

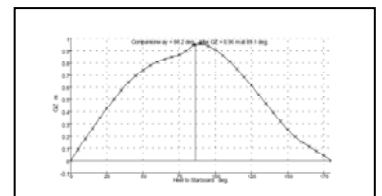
Yseult is a beautiful 45ft Gaff Cutter built by Martin Heard Gaffers & Luggers in Cornwall, UK, to a design by Frenchman, Francis Lemarchand in 1891. *Yseult* combines the best of old and new in that it uses a lot of fibreglass as well as traditional woods. As she is not built "predominantly from original materials" she cannot be exempted from the EU Recreational Craft Directive as a pre-1950s replica.

The most interesting part of the assessment for Alasdair Reay, of CEproof, was the stability calculation. The hull was modelled in *MaxSurf* and, following an inclining experiment in Cowes one quiet morning, the GZ righting curves were produced. The results showed that *Yseult* does not have an angle of vanishing stability, ie she is stable at all angles of heel.

cont. page 2



S.Y. Yseult



Yseult GZ Curves



The other way!

Fun, Fun, Fun in the USA

CEproof UK (East Coast) Ltd have just returned from a very successful trip to the USA. Whilst there we exhibited at IBEX, North America's largest marine trade show. Attended by all of Americas large volume boat producers the show lasts for three days each October.

Our core products of RCD Consultancy and CE-PRO professional RCD software both attracted excellent levels of interest and demonstrations, with some very prestigious companies wishing to have further dialogue on both.

After the show we then went to Tennessee to CE Mark two new Mastercraft boats to be launched in 2008. Whilst there we were invited to the new 375,000 sq ft production facility next door, opened by Cobalt Boats, to handle production of their new venture into the large motor yacht market. Two new boats are in production, a 37ft and 46ft. Confidentiality agreements prevent us from discussing any great detail here, but suffice to say that these two new boats are both beautifully engineered. Some of the features integrated in to the designs are very European and both boats are at the forefront of technology available today. The official launch of both boats will be the Miami Boat Show in February.



The 2008 Mastercraft 265 undergoing an Inclination Test.

Whilst in America we also visited our largest customer for CE Marking used boats and managed to inspect nearly 30 boats for Post Construction Assessment. These will be CE marked prior to them being shipped across Europe to their new owners.



Son of Jaws USA meets Craig from Wales UK. (or is that whales – ed)



This reliable arrangement, together with the machine's simple mechanical features provided a straightforward CE Marking process under the requirements of the EU Machinery Directive.

The Page Macrae Multi-position Manipulator

from page 1

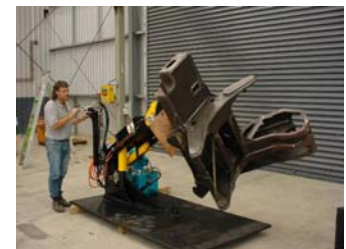
Current race yachts show-off their ability to right themselves from inversion using their complex hydraulically operated canting keels. Yseult will right herself from inversion naturally.

It seems the designers of yesterday could teach today's crop a thing or two about seaworthiness, on the other hand, we can't imagine Yseult taking line honours in the Vendée Globe any time soon. Horses for courses, we say and Yseult is of high class pedigree.

The problem of positioning a complex welding project, or any other project that requires constant re-positioning to gain unhindered access, has been largely solved by Page Macrae Engineering.

The Multi-position Manipulator can raise, lower, tilt and rotate an object mounted on the table to present the workface in the preferred position.

The Manipulator uses hydraulic pressure to provide motive power with an electric motor powering the hydraulic pressure pump.



Page Macrae Engineering can be contacted on +64 7 575 5079

Heikki goes to Hollywood !

Well, not exactly Hollywood, but close enough. Heikki Hanson, from the New Zealand Marine Office has been seconded to the America's Cup Team, United Internet Team Germany, for two years. Heikki will be based in Valencia and will spend his time, when he's not sailing or sitting around a pleasant Bodega, offering the Team his experience in the areas of sail aerodynamics and performance prediction.

Heikki has a PhD in Mechanical Engineering and whilst we need him back here in New Zealand for the busy summer ahead, we can't begrudge the fact that having one of our Team, on their Team, is a feather in both our caps. See you in two years Heikki. (and have a crisp roija for us!- ed)



CEproof's Heikki Hansen, now in Valencia with United Internet Team Germany.

A Roof over your Head



What's a picture of a roof with a pleasant scenic background doing in what is essentially a Marine publication? Well, it's CEproof New Zealand at it again with non-marine activity; this time providing CE Marking for roofing tiles for AHI Roofing Limited.



AHI Roofing make a range of coloured and coated metal roofing tiles for sale in over 80 countries, including the European Union. CEproof was called in to work alongside AHI Roofing's own Technical staff to develop the required Technical File for CE marking of their extensive range of products.

Roofing tiles are a simple structure, but this is in complete contrast to the complexity of the Construction Products Directive (CPD) and its attendant EU Communications and plethora of Interpretive Documents. The project provided the CE marking team with a unique challenge to produce a Technical File on time and on budget; which we did! Thankfully, the EU is undertaking a revision of the CPD with a promise of simplification, as a priority.

CEproof is looking forward to undertaking further commissions within the framework of a much simplified (hopefully) CPD.



Bio-fuels & CEproof

Whilst the Marine Industry is our mainstay, we are not ones to "stick to our knitting" and our expansion over the last two years into industrial compliance has further broadened our skill base.

Recent events have propelled us in the direction of the bio-fuel industry. Bio-fuel can be broadly defined as solid, liquid, or gas fuel consisting of, or derived from biomass. The most common use for bio-fuels is for automotive transportation. Bio-fuel can be produced from many different plants and plant-derived materials and can be replenished rapidly.

Bio-fuels are used globally and are considered a means of reducing greenhouse gas emissions and increasing energy security. The bio-fuel industry is expanding in Europe, Asia and America. Confidentiality forbids us to provide details about our clients, but suffice to say some household brands in the UK and USA are using CEproof to help make-compliant their bio-fuel products. There is a growing need for alternative energy production and CEproof is growing alongside the industry to provide compliance advice into the future. Alasdair Reay in the UK office is leading the Team in this field. He can be contacted on +44 20 813 8581

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