

SPEEDBOARD NEWSLETTER

July 2013

For the latest Speedboard news and current developments

Duke of Edinburgh visit was a huge success

Also in this edition!

**Sponsored walk up
Snowdon**

Page 2

**More things you didn't
know about Speedboard**

Page 2

Final Assembly

Page 2

PCBA Cleaning

Page 3

**Caption Competition
Party pics
Who is who in 1983**

Page 4



On March 22nd we were delighted to have His Royal Highness The Duke of Edinburgh visit the factory as part of our 30 years of British Manufacturing celebrations.

The whole day simply could not have gone better. It kicked off quite early with customers and guests arriving from 8:30 to set up display stands. At 9:30 we had our pit-stop demonstration to show all our guests how we change over jobs on the line in under 20 minutes. Paul and Martin gave a 15 minute presentation on why CAD data is needed as well as Gerber when we front end new work. And then at 10:00 Prince Phillip arrived.

Prince Philip was exceptional. He was very interested in what we and our customers do,

he chatted to staff and guests, made numerous jokes and comments and demonstrated a remarkable talent for retaining information.

Towards the end of the morning Prince Philip helped us reward Mike and Jas for 25 years of loyal service followed by the unveiling of a plaque to commemorate our 30 years.

Our staff then had the opportunity to meet our customers and see what the boards they make go into.

Once we had cleared away we had a very nice lunch with all our guests. And finally to round the day off we had our annual company party with all our staff – 1980s theme – see pictures on the back page!



Sponsored walk up Snowdon

As part of this special year we (or more to the point Neil!) decided that it would be a good idea for all the factory managers to do a sponsored walk up and down Snowdon.

All the money we raise is going to the Duke of Edinburgh Award Charity. We picked this charity for three reasons:

- 1) as a way of saying thank you to Prince Philip for coming to see us,
- 2) as the charity is locally run here in Windsor, and
- 3) it helps thousands of youngsters every year to develop life skills.

Check out their web page. www.dofe.org

We will, of course, be unashamedly asking you for as much sponsorship money as possible. We will take your money any way you would like to send it.

- **Cheque**
made payable to **Speedboard Assembly Services**
– please write Snowdon on the back

- **BACS**
account no **00906961**
sort code **30-99-72**
with Snowdon as a reference.

- **Online**
www.justgiving.com/Speedboard-SnowdonChallenge

or go to their web site, select "Giving", then "Give to a Fundraiser", then search for Speedboard Snowdon Challenge

- **Text**
Txt 70070 then type in "SPBD83 £10"
(You can txt more than once to give more!)
- **Cash**
Add your name to a sponsorship form the next time we see you.



More things you didn't know about Speedboard:

■ Alan Butter's son played in the youth football world cup last year in Sweden and out of 260 teams got to the last 32. They were knocked out by the ultimate winners Chivas (a professional team)

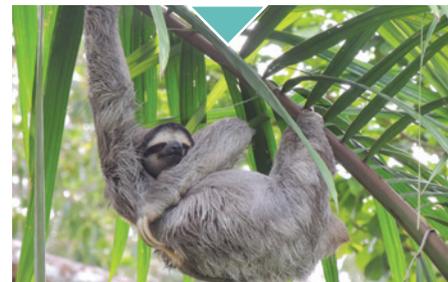
■ We have assembled 3.7 Million smoke detectors for Nittan Europe since taking on their work in 1997.

■ BACS – we have finally given way to pressure to stop using cheques and are now paying suppliers by BACS. (Only taken us 30 years!)

■ Michelle has an HND in General Engineering from a 4 year apprenticeship with C.E.King Ltd back in 1994

■ We have a 53% to 47% split between men and women – can you guess which way round it is? (Answer will be in next issue)

■ Mike Bayne, whom we have featured in previous newsletters and was one of the two staff who have just hit 25 years of service, has just come back from his travels. This year it was Panama. They say pets often look like their owners - it seems the saying works for wildlife too!



Did you like the beer?

For all our guests we gave out locally produced beer from Windsor brewery. Here are their details if you would like to order more from them.

www.webrew.co.uk/main/shop/category/beers/



Final Assembly

Now that the refurbishments are all complete we are in a position to take on new final assembly work. (We are always in a position to take on new PCBA and test work incidentally!).

Many of you who visited us have seen the space, as this is where the customer displays were set up. However, for those who missed out here is a picture of the area.

We are in the process of setting up one new job already – so who will be next? How about you?



PCBA Cleaning

Since changes in legislation many years ago we can no longer use good old Trike (Trichloroethylene) to clean PCBAs. There are many safer cleaning fluids that have been produced, such as Safewash S produced by Electrolube (other products are available!), that are simple saponifiers added to water wash tanks.

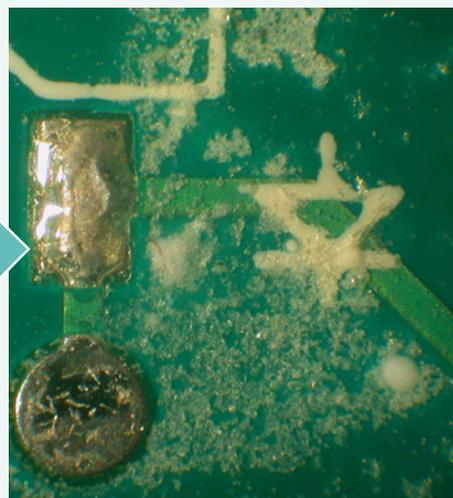
The problem with these is that they just don't have the bite that solvent cleaning systems used to have.

Couple this with modern no-clean fluxes that have been designed specifically not to be cleaned and you could potentially end up with a big mess. So what can you do? What should you specify?

There is no one answer that suits everyone. Military / Aerospace work will want one thing, commercial work will want another, industrial will want something else again. Therefore, it is perhaps easier to say what not to do:

You should not try to clean off SMD no-clean fluxes with benign water based wash systems. If you do you will clean off some of the flux, but leave some of it on the PCB in an "open" state. This causes white residues to form which are hygroscopic. Moisture will eventually be drawn into the flux causing shorts later in time.

You should not use water based fluxes in your SMD processes unless you can 100% guarantee you can wash every last drop of flux from under every IC or BGA. If you don't



the flux will remain active eating into the PCB resist. The flux residues are also highly hygroscopic creating shorts on the PCB very quickly.

Therefore, you must match the flux type to the need of the board and then the cleaning method to that flux type and need.

How can we help? We are more than happy to discuss cleaning with you, in principle or as and when you issue new jobs.

Following a recent purchase we now have both water and solvent cleaning systems in house.



Caption Competition

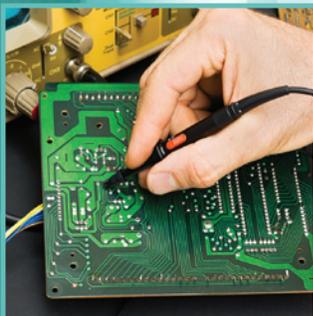
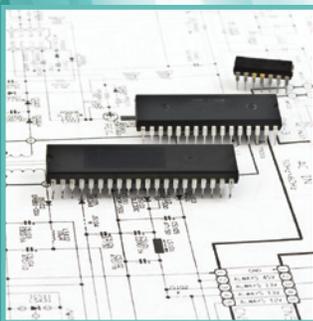
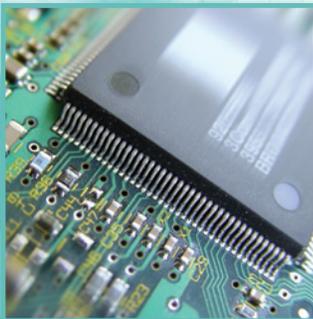
What is Prince Philip Saying?



Please e-mail your captions to eclarke@speedboard.co.uk
The best one (if printable) will appear in the next edition.

Company 1980s Party

Just a few pictures from our party



Who was who!



Ian Williams
Manufacturing Manager



Neil Seymour
QA/IT Manager



Andrew Henderson
Account Manager



Neil Owen
Managing Director



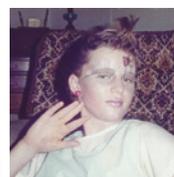
Martin Howard
Engineering Manager



Michelle Foster
Account Manager



Lesley Stokoe
Account Manager



Karen Heath
Commercial Manager



Mary Bowling
Project Manager



Richard Watson
Finance Director

Our normal office hours are:
Mon-Thurs 8.30 to 4.30
Friday 8.30 to 13.00
Speedboard Assembly Services Ltd
Alma Road, Windsor, Berkshire SL4 3HU



If you would like to discuss some aspects of the work we do today, or how we can add further value to your business, please call Paul Rubery, or your Account Manager, to arrange a visit.

Email: prubery@speedboard.co.uk Phone number: 01753 746700