

SCHIPPERS & Crew, Inc.

Volume 16, Issue 2
October 2006

E L E C T R O N I C S M A N U F A C T U R I N G S E R V I C E S

SCHIPPERS & CREW BREAKS ONE-YEAR MARK IN LEAD-FREE MANUFACTURING!!

We've been successfully producing lead free boards here for over a year. Our anniversary date was August 15th. Working closely with customers' needs, we have guided many of them through the lead-free changeover. Thanks to our recommendations on materials and processes, they have successfully achieved a smooth transition with the fewest possible glitches.

One of our customers has recently won a top-notch quality rating award. They have thanked us for our assistance in their achievement. We are pleased to have helped.

The mysteries of successful lead-free assemblies are being resolved and we are one of the front runners regionally in this field. If you need to make the changeover it can be done and we have the know-how. Give us a call for a quote on your manufacturing needs.

FALL FUN

Despite summer's encore of sunny weekends, the autumn leaves are a sure sign that the season is changing and it's time to once more pack away the shorts and get out the umbrella. Everyone heads inside to get back to business, showing why fall and winter tend to be busy times for us.

We've collected a few of our favorite local fall activities to help fill the gap between summer fun and holiday spirit:

AEA 50th Anniversary bash

Thursday, October 12th in Woodinville. More info at www.aenet.org/50sBash.

Pumpkin Festivals

October Festivals at local farms feature pumpkin patches, hay rides, corn mazes and other types of rides and attractions in a downhome country setting.

- **Eastside**

Remlinger Farms in Carnation at www.remlingerfarms.com.

- **Northend**

Biringer Farms in Everett at www.biringerfarm.com

- **Southend**

Carpinito Brothers Farm in Kent. Phone (253) 854-5692.

Halloween Fun

Pacific Science Center will feature Halloween themed displays October 28-29. More info at www.pacsci.org.

And don't forget to "fall" back into Standard Time by setting your clocks back one hour on October 29th.



Pat Sherwood, our Production
Manager dressed up for Halloween

Official Language of the European Union

The European Commission has just announced an agreement whereby English will be the official language of the European Union rather than German, which was the other possibility. As part of the negotiations, the British Government conceded that English spelling had some room for improvement and has accepted a 5-year phase-in plan that would become known as "Euro-English".

In the first year, "s" will replace the soft "c". Certainly, this will make the sivil servants jump with joy. The hard "c" will be dropped in favour of "k". This should klear up konfursion, and keyboards kan have one less letter.

There will be growing publik enthusiasm in the sekond year when the troublesome "ph" will be replaced with "f". This will make words like fotograf 20% shorter.

In the 3rd year, publik akseptanse of the new spelling kan be expekted to reach the stage where more komplikated changes are possible. Governments will enkourage the removal of double letters that have always ben a deterrent to akurate speling. Also, al wil agre that the horibl mes of the silent "e" in the languag is disgrasful and it should go away.

By the 4th yer peopl wil be reseptiv to steps such as replasing "th" with "z" and "w" with "v".

During ze fifz yer, ze unesesary "o" kan be dropd from vords kontaining "ou" and after ziz fifz yer, ve vil hav a reil sensibl riten styl. Zer vil be no mor trubl or difikultis and evrivun vil find it ezi tu understand ech oza. Ze drem of a united urop vil finali kum tru. Und efter ze fifz yer, ve vil al be speking German like zey vunted in ze forst plas.



Black Bart, I'm gonna pump you full of Tin-Bismuth-Indium.

Is Quality an Issue with Your CM?



Switch to...

Schippers & Crew

Call 206.782.2325



© 2004 Ray Franklin RoHSwell.com

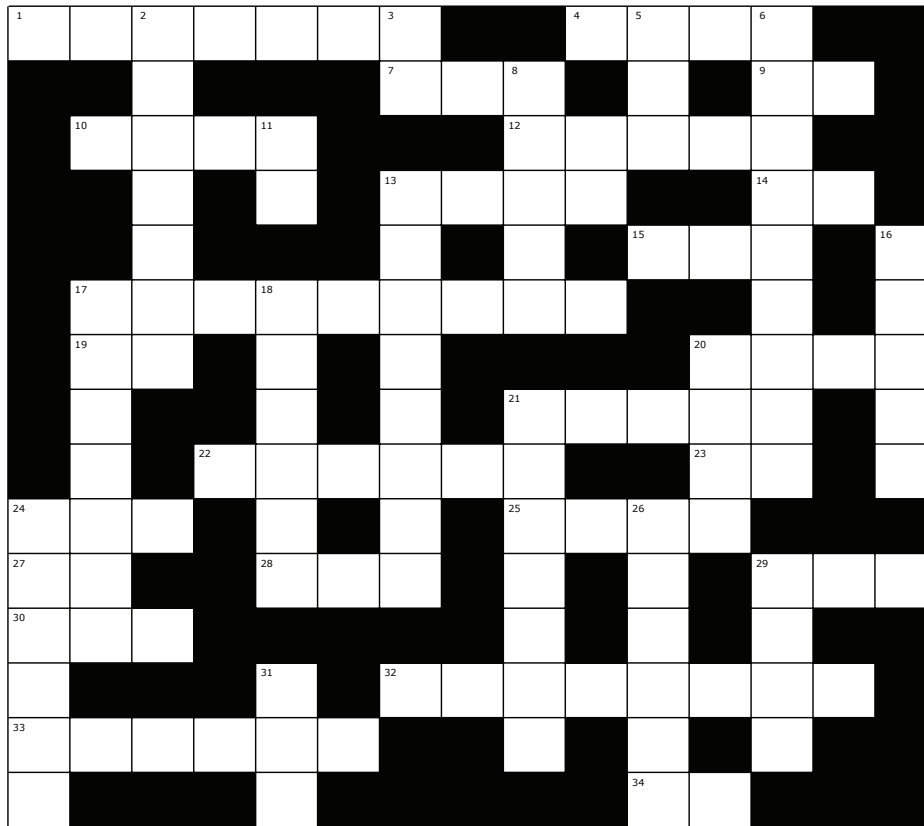
"But we were
RoHS exempt.
RoHS EXEMPT!"



Schippers Increases Capability

Schippers adds a 5th SMT system bringing greater fine pitch placement capability to the production floor. The Europlacer EP600 is fitted with a precision camera allowing placement down to .4mm Micro BGA's.

RoHS Crossword Puzzle



ACROSS

1. Reduce, Reuse, _____
4. Opposite of fail
7. Measures wire gauge
9. Copper
10. Lead-free surface finish
12. Beyond RoHS
13. Mandated Recycling
14. A circuit inside a component
15. 1 Volt across 1 Ohm = 1 ____
17. Okay to ship to EU
19. Legendary Quality Manager, ___ Schmidt
20. Pb
21. An exempted device
22. First EU country to adopt RoHS
23. Steamship (abbr.)
24. Sn
25. One of the EU directives
27. European Union (abbr.)
28. Schippers & Crew, Inc. is one of these
29. Substrate for components
30. Not through - hole technology
32. Lustrous element u sed in steel
33. Free pass to EU...for now
34. AC/___

DOWN

2. Out of _____
3. BOM abbreviation
5. American Electronics Association
6. Dutch word for captain s
8. Theme color of environmental movement
11. ___ lead-free!
13. You can't shave tin _____
16. Who do you ask for if you're a customer ?
17. Cd
18. Okay for EU
20. Lead standard: ____ than .01%
21. A Planet, Roman God, and metallic element
24. Checked for lead
26. Damaged
29. Who do you ask for a quote or tour?
31. Quality standard

For answers go to www.schippers.com



5309 Shilshole Avenue NW, Suite 100
Seattle, WA 98107
(206) 782-2325 • Fax (206) 782-2363
www.schippers.com



Happy Halloween

PUBLIC SERVICE ANNOUNCEMENT

*The Citizens Commission on Human Rights
Cordially invites you to a Limited Seattle Engagement*

**Touring Exhibition & Documentaries
On Psychiatric Human Rights violations**

GRAND OPENING

Monday, October 16 • 6:00 pm
Hors d'oeuvres

General Exhibition

Open from October 16 – 19, 2006 • 9 am – 9 pm

The Brockey Conference Center

South Seattle Community College
6000 16th Ave. SW • Seattle, Washington
See map online at: <http://southseattle.edu/campus/map.htm>

RSVP or for more information contact: 206-427-3039

Have you ever questioned what underlies the social ills that plague our society – from rising violence, drug abuse, crime and school shootings to illiteracy and child suicide? This powerful new exhibit provides you with the answers and the facts.

Visit this Free Exhibit and Documentaries to find out why some things never change.

FREE ADMISSION

We want to personally invite you to attend this exhibit and the special grand opening ceremony.

© 2006 CCHR. All rights reserved. Citizens Commission on Human Rights.
CCHR and its logo are trademarks and service marks owned by the Citizens Commission on Human Rights. Printed in U.S.A.