

FROM THE CHAIR

Hi Fellow FFEUC-Australia members, Well it is only three weeks to Jump Aboard 2003 and the culmination of months of hard work for the seminar sub-committee. Since our last newsletter there have been a number of value adders for those attending. We now have firmed up the program and there are MORE speakers and thus greater value for those attending. Places are being taken up quickly so get in fast to secure your spot!

Our gold sponsor has firmed up the keynote speaker Paul Griem from Honeywell Industry solutions in Phoenix, Arizona USA. He is Secretary of the Fieldbus Foundation, and a member of its Executive and Marketing Committees. He has been active in the fieldbus arena since its beginning, as a member of national and international standards committees and as a leader of fieldbus consortia that preceded the foundation. His control system background includes research, product development, and end user application experience, along with 10 patents. Paul's subject will be Foundation Fieldbus-- Ready, Willing, and Able. This presentation will discuss the progress of FOUNDATION fieldbus technology, and its readiness for real plant applications.

Additionally our new silver sponsor Emerson Process Management will be presenting with Keven Dunphy "The Power to Predict results" in Sydney and Melbourne only. After 4 years of working with customers feeding back their operational results, we've been able to quantify this benefit. No matter what the industry, PlantWeb using Foundation Fieldbus has proven to improve plant efficiency by 2% or more.

How predictive intelligence leads to savings will be examined with examples from plants such as Exxon Mobil, Bayer Cyclohexane Oxidation Plant, Liants Charentais – France & Lukoil Severozapadnefte product – Russia.

Keven is about to commence working on the Shanghai SECCO Petrochemicals Company Ltd. (SECCO) project, a \$2.7-billion joint venture between BP, Sinopec and Shanghai Petrochemical Corp. (SPC), to install the world's largest Foundation Fieldbus system to date at a new 10-plant petrochemical complex near Shanghai, People's Republic of China. The plant is expected to be operational in 2005.

Also Silver sponsor Yokogawa has Dave Smith coming over from the States, however at this time we are still firming up paper details.

Along with renowned fieldbus expert and Chair of the Foundation fieldbus End User Advisory Council Ian Verhappen from ICEpros Canada we have "real application in projects papers" from Alexandre da Silva Peixoto of SMAR Brazil and Guus Kessler from Shell, Stephen Mitschke from the Fieldbus Foundation in Austin Texas explaining the future developments in the technology, Dr Josef Böröcsök from HIMA on "safety fieldbus."

In addition come along and learn the meaning of the terms FNICO and FISCO with presentations from Phil Saward from MTL UK and Andreas Agostin from Pepperl and Fuchs Singapore.

Certainly a great line up of speakers, now all we need is for you all to attend. At only \$395 per person this is an absolute bargain. After your tax deduction for most it works out at just over \$200! You will get the opportunity to network with these FF experts as well, hopefully answering all those questions that you have on the technology. Also subject to availability you get a CD with copies of all the papers from this and previous events, presentations and lots of other great FF information.

This information alone is worth more than the cost of the event.

Dates for the event are Sydney 9th September, Melbourne 10th September and Perth 12th September. For further details contact Tiong Lim on (08) 93484679 or email tiong.lim@woodside.com.au or look on the website at <http://ja2003.shorturl.com>

FF companies have really embraced the event with Honeywell taking up a gold sponsorship and Emerson Process Management, Yokogawa and the Chamber of Commerce and Industry training centre at a bronze level. We thank all these companies for their great support.

On the evening of Thursday 11th September we will be holding our AGM and Jump Aboard cocktail party. The AGM will be allocated the maximum of an hour so that you can enjoy the evening networking with all the speakers. This event is being held at Rydges and commences at 6:00am. There is no charge for attending. Please come along, hear reports on the FFEUC and help elect office bearers for the following exciting year. It is not the intent to force attendees into committee membership, however I cannot emphasise enough the value that you can gain in enhancing your skills and competencies by being part of the "Fieldbus revolution". The present committee members will, I am sure, feel a real sense of achievement in being part of the most dynamic Foundation fieldbus End User Council in the World!

Nomination forms are attached to this document.

Jim Russell

Chair Foundation fieldbus End User Council Australia- Inc

Phone (08) 93970249

Email: jimrussell@iceweb.com.au

FFEUCA acknowledges the support of the following sponsors of Jump Aboard 2003



Honeywell

Gold Sponsor
Honeywell

Silver Sponsors

EMERSON
Process Management

YOKOGAWA

Bronze Sponsor

CHAMBER OF COMMERCE
AND INDUSTRY
WESTERN AUSTRALIA

ARC REPORTS FIELDBUS ADOPTION SKYROCKETING

AUSTIN, Texas, July 29, 2003 — The Fieldbus Foundation today announced that the ARC Advisory Group (Dedham, Mass.) has issued a report indicating fieldbus adoption is skyrocketing among end users worldwide. ARC found that fieldbus-based control systems are being utilized on both large and small projects, and in a wide range of mission-critical applications, with FOUNDATION™ fieldbus being the preferred technology in the process industries.

To read the full report look at <http://www.fieldbus.org/pdf/ARCInsightReport.pdf>



Shell Chemical Chooses FOUNDATION^a Fieldbus For Reinstrumentation Program

According to Wayne Pierce, Shell Chemical LP plant manager, the use of FOUNDATION fieldbus will enable the Norco facility to "leapfrog" analogue control technology to lower its maintenance costs and manage assets in response to market demand and operation availability. Pierce said a significant point of the project is that the plant will switch to fieldbus technology while in full operation.

Fieldbus Foundation President and CEO Richard Timoney called the Shell Norco project "another clear indicator that major end users are choosing FOUNDATION fieldbus to improve plant productivity and asset effectiveness."

Timoney said, "Like so many other manufacturers worldwide, Shell Chemical recognizes that FOUNDATION fieldbus enables users to meet their corporate strategies and directives. Through its remote monitoring and diagnostic capabilities, the technology reduces maintenance costs and has a direct bearing on plant uptime, quality and profitability.

As part of the reinstrumentation program, Shell will implement a new integrated process control system, asset management solution, plant information management systems, field instruments, and related maintenance and training services. Yokogawa Corporation of America (Newnan, Georgia) will serve as main automation contractor for the project.

There is some super information available from the FIELDBUS REPORT. Take a look at the June edition at <http://www.ianmag.com/fieldbusreport062003.HTM>

OH FOR GOVERNMENT SUPPORT OF NEW TECHNOLOGY!

The Fieldbus Centre at Lee College has been awarded a US\$900,000 grant from the National Science Foundation (NSF) to research and develop fieldbus curriculum for industry. The grant will allow the centre to expand its efforts to bring fieldbus to end users.

This latest funding follows a previous NSF grant that helped the centre build fieldbus control systems and develop its end-user training curriculum. The new grant will help the centre meet training needs in emerging fieldbus areas, such as OPC, data mining and HSE fieldbus.

Also, the centre will research the impact fieldbus will have on operations maintenance.

"The amount of information that a fully digital control system, such as fieldbus, provides to the typical plant instrument technician makes it entirely feasible that equipment failures can be flagged inside the shop the instant they occur in the field," says Chuck Carter, principal investigator. "This can greatly reduce technician workload, and should enhance worker safety, especially since users can remotely communicate with field instruments."

The new NSF grant is scheduled to take effect in October 2003. Because the centre directly interacts with end-users and manufacturers, one condition of the grant is that the centre should receive in-kind support from industry. The centre reports that its level of in-kind support has been outstanding, and that it's expected to continue.

Oh well, wouldn't it be great if Australia had this kind of Government support for FF & this is REAL dollars!

LATEST INFORMATION VIA THE FFEUC-AUS WEBSITE

For the latest information on all FFEUC-Aus Inc activities and some great Foundation fieldbus technical data please visit our website <http://www.iceweb.com.au/ffeuca/index.htm>



IAN VERHAPPEN'S HIGHLY ACCLAIMED POCKET BOOK AVAILABLE

A sure sign that Foundation Fieldbus technology is gaining acceptance in the industrial automation market is the fact that ISA's "Foundation Fieldbus: A Pocket Guide" by Ian Verhappen and Augusto Pereira sold out at the recent ISA show in Chicago. This book is one of ISA's top 10 sellers for 2002. It provides quick reference information on the Foundation Fieldbus H1 protocol, installation tips, and other useful information that design engineers, control system engineers, and instrumentation technicians need to know about Foundation Fieldbus when meeting with a vendor or client, and while managing an installation at a job site.

The pocket guide covers essential information on power distribution and network power supply requirements. Packed with handy reference information, the guide includes rules for cabling length, documentation requirements, a commissioning checklist, topology diagrams, system sizing formulas, and tips for integrating with other systems. It explains the Fieldbus Intrinsic Safety Concept (FISCO) along with configuration and troubleshooting tips. Helpful worksheets for segment loading and bandwidth calculations are also included.

FFEUC-Aus has a few of these pocket guides available at a price of \$80.00. Also available from ISA at US\$42 excluding postage.

Foundation Fieldbus Essentials Certified Workshop

This is an opportunity for those who would like to attend the Southern Alberta Institute of Technology (SAIT) Foundation fieldbus Essentials workshop. This FF accredited workshop is developed and put together by SAIT which is undoubtedly the best FF education provider in the world. Workshops are scheduled around the dates of Jump Aboard 2003 in Sydney, Melbourne and Perth. More details and registration form for the workshop can be found at <http://ja2003.shorturl.com/>.

Whilst every effort is made to ensure technical accuracy of the information in this newsletter, the Fieldbus Foundation End Users Council Australia accepts no liability for any loss or damage caused by error or omission from the data supplied. Users should make and rely on their own independent inquiries. By accessing the newsletter users accept this condition.

Should you note any error/omission or an article offends please do not ignore it, contact the secretary tiong.lim@woodside.com.au and we will review, rectify and remove as necessary.

FOUNDATION™ Fieldbus End Users Council



FORM OF APPOINTMENT OF PROXY

I,

of

being a member of the Foundation Fieldbus End Users Council
Australia Inc hereby appoint

.....

being a member of the Council as my proxy to vote for me on my
behalf at the **ANNUAL GENERAL MEETING** on the 11th
SEPTEMBER 2003 to vote in favour of

.....

Signed

Date