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Stop Press

- John Hardwick steps up as the new National Chair of Asset Management Council
- The 2009 ICOMS presentations are now available in the Members only area of our website.
- Photographs from the 2009 ICOMS and Awards Ceremony are now available: please [click here](#)
- ICOMS2010 is in Adelaide in June next year. Call for papers is now open.
- Jo Sikorska has a new daughter, Jessica Marie. Congratulations and best wishes to the family.
- Forgotten your username or password? Contact admin@amcouncil.com.au

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New Members

We would like to welcome the following new members:

Individual Members

| | |
|-----------|---|
| Brisbane | Peter Kelly |
| Melbourne | Abraj Thomas Vettuparampil Richard Maxwell Colman Mark William Treherne Pereira Minyi Lu |
| Sydney | Azam Raza Khan Russell Sainsbury Mark Edward Brunner Mursaleen Hah |

Corporate BRONZE

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For membership enquiries contact Falguni Patel at admin@amcouncil.com.au

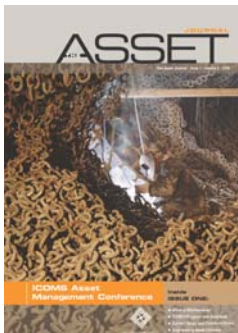
Calendar of Events

- ❖ ABRAMAN Conference 2009 (Brazilian Maintenance Association), August 31 to September 4th. in Recife, Brazil
- ❖ World Congress on Engineering Asset Management 2009 (WCEAM 2009), Athens, Greece, September 2009. For further details www.wceam.com
- ❖ SMRP 17th Annual Conference, October 19-22, 2009, St Lois, Missouri. For further details www.smrp.org
- ❖ Euromaintenance 2010: 11-13th May 2010

2009 Best Paper Award

Congratulations to **Dr Glen Murphy**, the recipient of the 2009 Best Review Paper, for his paper titled *'Building Bridges and Solving Rubiks Cube: Tribalism in Engineering and Technical Environments.'*

The Asset Journal out now!



All members should now have received their inaugural issue of The Asset Journal, the official publication of the Asset Management Council.

To view The Asset Journal online, [click here](#).

Your comments, contributions and suggestions for content are always welcome.

From MY DESK

Upon joining MESA in 2000, my view of the world changed. The network of peers from different industries that I now mix with has shaped my thinking on maintenance and asset management. I have gained an enormous volume of knowledge that I have been able to adapt and implement within my organisation. This invaluable learning has given me the desire to ensure that the AM Council continues to grow and prosper, so others can enjoy similar experiences in improving their own organisations.



With this in mind, I would like to take this opportunity to thank our previous National Chair, James (Jim) Kennedy, for his tireless efforts over the last four years in leading the AM Council to a point at which we now stand poised to complete our transition. The contributions made by Jim are greatly valued, and form a solid foundation to further develop the relevance and influence we can make as part of the AM Council, both in Australia and internationally.

Over the coming twelve months we have a number of areas of focus in order to consolidate the continuing evolution of the AM Council. At the local Chapter level, we need to come together to create initiatives that will engage organisations and individuals from outside our traditional communities of practice. We need to both learn from and exchange thinking with these communities and also to further spread the 'whole of life' approach to asset management.

At the recent ICOMS conference we held an Executive Breakfast and conference panel session that was attended by representatives from Transfield Services, Sydney Water, EnergyAustralia, United Group and CPA. Within our traditional communities of practice, we have begun to broaden our connections into the executive management levels of several asset owner organisations. The feedback from these representatives, and the conference participants was very positive. I will be working to ensure we continue to implement strategies to encourage more asset owners to play an active role within the AM Council.

In closing, I look forward to an exciting and challenging two years as National Chair, and welcome your thoughts and ideas on how to improve the prosperity of our members, and the prosperity of Australia, through the continued advancement of the practice of asset management.

John Hardwick
National Chairman
26 June 2009

Do You Have News?

If you have a news item or letter to the editor, deadlines for forthcoming newsletters are given below.

Newsletter deadline

| | |
|-----|-------|
| Aug | Aug 5 |
| Sep | Sep 2 |

Leaders in Asset Management Unite

National and international professionals at the forefront of asset management gathered together to attend another successful ICOMS conference, this year held in Sydney from Monday 1 June to Friday 5 June.

Hosted by the Asset Management Council, the 13th annual conference was attended by over 200 professionals.

Optimal asset management practices contribute to a company's physical asset reliability and risk management, and provide a sustainable revenue generation and profitability of the business, according to the Asset Management Council National Chairman, Mr John Hardwick.

"The ICOMS conference is at the pinnacle of current asset management information, which is why we attract leaders from around the world each year," said Mr John Hardwick.

Asset management professionals from Brazil, Canada, Germany, Saudi Arabia, South Africa, Sweden, United Kingdom and United States of America attended the ICOMS conference.

One topic covered during the ICOMS conference was the role asset management faces in the change of the global financial market. "As the world enters into an unsteady economic climate, asset management makes sense because it's about improving the assets that a company already has," Mr Hardwick said.

Other topics covered during the conference included the role asset management faces with the challenges of global warming, depletion of natural resources, increase in world population and increase in technical dependency of society.



Attendees of the 2009 ICOMS conference

Electronic version of AMMJ

Members of the AM Council/MESA are entitled to a complimentary copy of the eAMMJ. The current edition (July 2009) may be downloaded by [clicking here](#).

2009 Training Dates

Melbourne, 9 July Canberra, 21 August
Perth, 18 September Brisbane, 6 October
Sydney, 12 November For more information contact
Tina Grenfell via email at info@amcouncil.com.au or by
phone (03) 9830 4899

From the CEO

Well, another ICOMS is behind us, with new information gathered, new friends made, and commitment from your hardworking volunteers and staff to continue with the many developments that the Asset Management Council have introduced. Our new National Chair, John Hardwick, has outlined the key strategies for the next 12 months. Underpinning these initiatives is the introduction of the certification program, which is in the final stages of review by the steering committee, and board, new advances in asset management awards, and development of knowledge networks.



I would like to congratulate the **Host Committee**, John Hardwick (Chair), Gary Winsor, Danny Azavedo, Steve Buncombe, Robert Sloan and Terry Howard, and to the **ICOMS National Technical Team**, Joanna Sikorska (chair), Deryk Anderson, Gary Winsor, Terry Howard and Steve Buncombe for the successes both technical and social.

Regards,
Sally Nugent
Chief Executive Officer

Chapter News

Brisbane Chapter

Presentation:

"The implementation and roll out of the Anglo Coal Australia Maintenance Improvement Project (MIP)"

To be presented by Steven Dick, Anglo Coal Regional Maintenance Manager.

For more information, [click here](#).

Date: 08 July 2009

Time: 5:30pm for 6pm start

Venue: Engineers Australia
Hawken Auditorium
447 Upper Edward St
Brisbane

RSVP: 07 July 2009, Lutfiye Allahmanli, Queensland Chapter Chair, phone: (07) 3860 2337, email: lallahmanli@powerlink.com.au, or contact Brad Thompson (07) 3866 3634

Following is the provisional technical program for Brisbane Chapter this year.

10 Aug 2009 Robert Williams - Practice Manager
Asset Service Delivery, Technology One
9 Sep 2009 - Dr Venkat Reddy - Reliability
Consultant - GHD Pty Ltd
12 Oct 2009 Gary W. Moss - Sales Executive -
Maximo Solution, IBM
3 Nov 2009 Jim Calder - Managing Director,
Calder Engineering Pty Ltd

Western Australia Chapter

At the recent Curtin Engineering Awards, Andrew Morgan, our Chairman, presented the MESA WA sponsored award for "The Best Practical Project in a Maintenance Engineering Field for 2008" to Sandeep Fogarty.

Sandeep's project covered the development of a full maintenance program for a new FPSO (floating production storage and offtake vessel).



Sandeep Fogarty & Andrew Morgan

The committee has focussed on two major activities over the last month:

1. Finalising a survey for WA MESA members directed at defining what our members want from membership. The survey will be web based and coordinated through National.

2. Reviewing the proposed changes to the MESA Constitution and preparing a list of questions ahead of discussion about this at ICOMS in June. Key issues highlighted by the committee members include:

- Confirmation that AMC will still be a Technical Society of Engineers Australia and that those attending AM Council events will still be able to claim professional credits towards chartered accreditation.
- A request for more information about membership numbers and interests at National and Chapter levels.
- Request clarification about jurisdiction and incorporation in Victoria, and implications of this for a national body.
- Future arrangements for Chapter financing and data about current and past income generating activities and commercial sponsorship.
- Request for clarity about governance, in particular, about the decision making process.

Melbourne Chapter

Presentation:

"The role of culture and leadership as announced in the Asset Management top level model and its relationship with producing a good practice asset management delivery"

To be presented by Jim Kennedy, Past National Chair.

This will be a cut down version of a 4 hour Master Class to be delivered by Jim Kennedy in Tehran (Iran) on the 2nd August 2009.

Date: 09 July 2009

Time: 5:30pm for 6pm start

Venue: Engineers Australia
21 Bedford Street, North Melbourne

RSVP: 8 July 2009, Stewart Lawrence, Melbourne Chapter Chair,
Stewart.Lawrence@amcouncil.com.au

Recipients of the 2009 Asset Management Awards Announced

Students, leaders and organisations committed to optimal asset management were included as recipients of the prestigious annual Asset Management Awards.



Energy Australia's 2009 Award Team

"The Asset Management Awards is an opportunity to celebrate the significant contribution individuals and organisations are making to the advancement of asset management," said the Asset Management Council National Chairman, Mr John Hardwick.

The Asset Management Council would like to congratulate all recipients of the 2009 Asset Management Awards:

Asset Management Excellence Awards

GOLD EnergyAustralia

SILVER RailCorp

Asset Management Leadership Award

David Spiteri, RailCorp

Founders Plate

EnergyAustralia

Nominee Award

EnergyAustralia

Student Award - Postgraduate

Hein Botes, Monash University

Student Award - Undergraduate

Adrian Kefford, University of Western Australia



David Spiteri

ICOMS 2009 Technical Proceedings

Available for purchase

USB version of the 2009 proceedings are available at \$121 (AM Council / MESA Members \$110.00) GST Inclusive.

Past ICOMS Proceedings are also available. For Order Form with special prices, [click here](#).

For enquiries, phone 03 9830 4899 or email to info@amcouncil.com.au

Epiphanies in Trondheim or “Visits to the Hall of the Mountain King”

By Jim Kennedy (Immediate Past National Chair)



The “Hall of the Mountain King” on Norway’s National Day (Sunday 17th May) from the train traveling to Oslo Well, I hope the unusual heading has attracted your attention. In early May this year I was fortunate enough to be invited to Luleå University in Sweden to deliver a four day course in asset management. This brought me within striking distance of the Executive Meeting of the European Federation of National Maintenance Societies (EFNMS) at Trondheim in Norway and I was able to accept a standing invitation from EFNMS Chairman, Hans Klemme-Wolffe.. As you are likely aware EFNMS has some 22 national maintenance societies as members representing a population of some 350 million. Trondheim of course is at the end of a long fiord and tucked up against the Scandinavian Mountains, the legendary home of the Mountain Kings.



From left to right; Kari Komonen Finland , EFNMS Member, Uday Kumar Sweden, Richard Edwards UK and Henry Mikkonen Finland

My role at the two day session was to act as an adviser to the EFNMS Asset Management Committee. The committee’s task was to set the direction for the beginnings of EFNMS’s intent to become more involved in whole of asset life management. The EFNMS AM committee comprised Kari Komonen from Finland as Chair and Richard Edwards from the Institute of asset management in the UK as Deputy plus four additional leaders of EFNMS member societies.

A scoping session by the committee on the first day established a view of the issues to be considered by EFNMS. These issues were then considered the following day by a number of parallel workshops that involved all of the EFNMS society representatives present. The result of all workshops are yet to be fully published, however, a significant step was achieved by the working party on a “Definition of Asset Management” in its rapid agreement on the following form of words:

“Asset management is the optimal lifecycle management of physical assets to sustainably achieve the stated objectives of the organisation”.

These words are of course very similar to those of the AM Council and demonstrate a convergence in thinking around the world on the substance of the whole of asset life process we have come to term “Asset Management”. Additionally, like the AM Council’s simple words these

European agreed words will prove to be quite memorable for the EFNMS constituency and those it might influence across Europe. In a world of many unnecessary differences, such convergence of thinking on matter that needs to be good in all sense of the word is indeed a positive outcome.



EFNMS society heads and their wives at a farm museum near Trondheim including members such as Guido Walt Switzerland, Alan Wilson UK, and Jan Fränland

Thanks to ...

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The Asset Partnership Pty Ltd
The Online Workshop
Transfield Services
University of Wollongong

ICOMS Forum explores the relationship between 'Maintenance' and 'Reliability'

By Derek Anderson (Technical Development Committee Member)

American journalist Henry Louis Mencken once observed that 'For every complex problem, there is a solution that is simple, neat, and wrong'. This observation would seem to apply directly to the apparently 'complex' problem of the relationship between reliability and maintenance. Anybody expecting a simple and neat solution to this problem will be disappointed.....

A discussion forum was convened at ICOMS 2009 to explore the relationship between 'maintenance' and 'reliability'; two terms often regarded as (but not) interchangeable and frequently misused. The degree of misunderstanding of these terms became evident following mixed feedback to a FAQ published in an earlier edition of this newsletter. In an attempt to explore the misunderstanding and clarify some of the issues the Asset Management Council opened the question to a forum of ICOMS delegates.

Over 40 people attended the forum. The first part of this event consisted of short presentations from Steve Turner, David Sherwin and Deryk Anderson. The second part of the forum consisted of a breakout session where participants broke into a number of round table discussions to answer a number of challenge questions that included:

- Do you think there is a relationship between 'Reliability' and 'Maintenance'?
- If there is a relationship, why is the connection important?
- Do we do well in the pre-production phase of the asset life cycle?
- What should companies do to improve?
- Provide at least three observations from within the group related to the forum topic?
- What unresolved issues and questions can you identify?

Although ultimately inconclusive, the forum resulted in the following points:

- Reliability is an outcome
- Maintenance is a function
- Reliability is both a concept and a probability
- Reliability is an outcome of design
- General consensus that there is a relationship between 'reliability' and 'maintenance'
- The relationship between 'reliability' and 'maintenance' was seen in terms of relationships between the maintenance function and design function (or manufacturer (OEM))
- Opinion on how well life cycle phases prior to operations and maintenance are performed varied. Utilities and service industries claimed to fare better than others
- Lack of awareness, training, communications and processes were identified as reasons for



poor integration of 'reliability' and 'maintenance'

- Clear leadership, informed asset owners and improved communications and relationships between maintenance and design (OEM) functions were regarded as necessary improvements

The following general observations were made by the forum:

- We've been talking about the same thing for the last 40 years and little has changed
- FMECA should be done during the design stage - Why is this so often lacking?
- We just don't have the resources to implement 100% FMECA, TPM etc. during the Operations and Maintenance Phase

As for the unresolved issues and questions

- Level of skills are lacking to deliver the outcomes discussed (e.g. FMECA etc)
- Lack of understanding of the fundamentals and the role of training and education
- Lack of quality data for decision making purposes
- Problems with IT system design
- Semantics (what is the definition of 'Reliability' and 'Maintenance' anyway?)

So that's it. No simple answer and a lot of additional questions and unresolved issues to boot. Mencken must have been right. On a positive note, the topic is being openly discussed and the issues are being identified. As our understanding increases so does our expectation of change.

Thanks to Johann Taylor and Steve Turner for helping mould the forum. Thanks to David Sherwin for his presentation and involvement. Thanks to all forum participants for taking on such a complex problem

If you have any thoughts or contributions on this topic, the Technical Development Committee would be very happy to hear from you.

Please contact info@amcouncil.com.au

Asset Management Definition and Model

"The life cycle management of physical assets to achieve the stated outputs of the enterprise"

See  section of the website for definition and the model on-line forum (www.amcouncil.com.au.)



Patron, Supporters and Corporate Members

Patron



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For more information on these organisations, and the services they provide, check out the **business directory** on the website.

