



ANNUAL GENERAL MEETING

MINUTES

WEDNESDAY 2 JULY 2008

Present

Ken Young	University of Warwick	Chairman of BARA
Geoff Pegman	RU Robots	Treasurer of BARA
Mike Wilson	CAS	President of BARA
Paul Robinson	University of Plymouth	Academic Co-ordinator
Phil Webb	Nottingham University	Academic Co-ordinator
David Manby	AA Robotics	
Morris Hanley	Fanuc Robots	
Nigel Platt	ABB Robots	Supplier Rep
Ian Jardine	PPMA	
Paul Doyle	Hereward College	
Liz Maxted-Bluck	University of Warwick	Administrator for BARA

Apologies

Richard Piggin	Rockwell
Paul Richards	KUKA
Ian Beech	Cloos
Jim Carr	Kawasaki

Chairmans Report

IFR is now run from the VDMA offices in Germany. The stats from BARA are no longer used even though they are more accurate. The fee for being a member is 1100 euros per year. By being a member of IFR it adds to BARA's credibility.

Events

Machine Building Show
MACH 08
Machine Safety Conference, Manchester

Future Events

PPMA show

Easy Fairs

Machine Safety Conference, Bletchley

Contributions are needed at the end of August/early September for the next Engineering Supplement

The BARA website needs more material – videos/case studies. Also contact details need to be constantly checked by supplier members to ensure that they are always up to date.

Treasurer's Report

A summary of the year – income is up 159% mainly due to EU project income.

Membership income is up 8%

36% profit on turnover

BARA continues to maintain a healthy cash balance, but is still in need of other income.

SIGS

Industrial Robot SIG

For the results for the Annual Survey of UK robot installations for 2007 please follow [this link](#).

Statistics

Ken summarised the current robot facts for last year – as usual, the main industry to use robotic installations was the Automotive industry.

Other Industries that are doing well include

- Plastics and rubber
- Food is increasing, largely due to the ABB flex picker
- Pharmaceuticals
- Construction

- Motor vehicles has the highest sales
- Car parts next
- Food and drink after that
- Rubber and plastics follows.

The biggest application for robots is

- Spot Welding
- Arc Welding
- Handling which is a bit harder to break down

The trend shown is a decrease in the cost of robots. The ones sold now mainly cost between £10,000-30,000.

In terms of origin Japan sell the most followed by the European Union.

Scara sales are growing as shown in the mechanical structure for 2007 Pi Chart

6 axes robots are the most common robots sold (see Number of Axes 2007 Pi Chart)

West Midlands and East Midlands had the highest number of robots installed in the UK regions. (see Distribution Map)

The automotive industry is shown to use the most refurbished robots. The most common applications are for arc and spot welding

Most of these robots were sold for less than £10,000 and mainly in the EU (largely from ABB)

Advanced Robotic Sig

Safety Sig

- BARA supported 2 workshops with IET
- Safety SIG have run one Machine Safety Conference event in Manchester on 17th June 08.
- There will be a similar event on 30th September 08 at Bletchley Park, Milton Keynes
- The recently formed Control System Security SIG which is now open for new participants, as is the System Integrator SIG.

Aerospace SIG

Aims:

- To provide a forum for the exchange of best practice and requirements between UK aerospace companies and automation equipment suppliers
- To identify and exploit synergies across the sector and use these to generate critical mass for both automation users and suppliers
- To identify potential collaborative research and development opportunities.

Current Membership includes the following - Airbus, BAE Systems, Bombardier Aerospace and Rolls-Royce.

Phil Webb presented this SIG and said that the planned meeting with equipment suppliers had to be cancelled, but that there should be an open meeting later this year. There will be more Research and Development to report next year.

EAMA

Association Members of EAMA including BARA and PPMA totals 9 which represents 1,300 engineering companies in the UK. The current chairman is Martin Walder who is MD of ABB Robotics. Activities include information gathering and lobbying. The EAMA information handbook is [downloadable from our website](#) and the link will also be sent out with our quarterly newsletter.

Semta (Science, Engineering and Manufacturing Technologies Alliance) is the Sector Skills Council for science, engineering and manufacturing technologies) which has been set up as a center for training and to arrange funding.

EAMA is a member of Orgalime who are based in Brussels and who gather information and lobby regarding European issues. They were involved with the Machine Directive. We get access to this information which we can then put on our website and in our newsletter to keep our members informed.

EAMA have regular input to BERR. This includes the Manufacturing Advisory Service, who do not currently advise on robotics. To increase the promotion of automation and robotics technology Mike Wilson is currently setting up a training programme for the MAS practitioners.

Also EAMA has contact with DIUS and the Conservatives. EAMA provides regular surveys and useful information. EAMA has built good contacts within the Treasury. A number of officials visited the MACH show and Ken was able to discuss robotics with

them. In September EAMA is also arranging visits to a number of SME's to help get our messages into the Treasury.

Election of officers

The following election of officers and the general committee for BARA took place.

Chairman election	Ken Young
Treasurer	Geoff Pegman
President	Mike Wilson

The General committee were kept as before, with Richard Piggin and John Gray accepted in their absence.

Any other business

PPMA proposal

Apologies from Chris Buxton who could not attend the meeting.

The proposal is for BARA to join PPMA to continue to operate externally as an independent association but to gain the additional support and services PPMA can provide. Their Mission Statement is "To help members to sell more products and services".

They arrange president lunches 3 or 4 times a year, golf days to entertain customers and a sailing trip for members and suppliers. These events all help with networking and to cement relationships with members.

PPMA are also members of other trade associations. This year they have been focusing on processing initiative robotics to develop alongside BARA. Also they are encouraging automation in the food industry – via Appetite for Engineering. They continue to publish regular magazines, catalogues, etc and arrange the annual PPMA show.

For the full presentation about the PPMA please follow [this link](#).

There will be an EGM in October 2008 to discuss the PPMA proposals.