

RECORD OF MEETING

Planning Meeting: 20th April 2011, 12:30 – Lvl 17, 1 Nicholson St.

Introductions

Name	Firm	Name	Firm
Edward Aquilina	GHD	Charles Spiteri	Arup
John Gorman	VicRoads	Mike Tyrrell	Arup
Darren Hargreaves	VicRoads	Hubert Lazarro	GHD
John Davies	PB	Kabir Patoary	GHD
Jason Minter	Drawn In	John Legge Wilkinson	Arup
Elmer Bandalan	Arup	David Morris	Arup

Understanding of the Need

CAD Technicians are the key to providing clear and unambiguous detailed design documentation. The proportion of input from these professionals far outweighs that of engineers, and their experience is often relied on by less experienced engineers to complete projects.

Technicians are often neglected when training needs are discussed. This initiative is an attempt by the IStructE and ARUP to address this.

It is our intention to provide a series of opportunities for CAD Technicians to develop their skills, be recognized as valuable professionals in our market, and to participate in a professional network focused on issues of value and importance to them.

Subjects to be covered in the Half Day Session

The following subjects **may** be covered

Ref	Subject	Notes
1	Showcase examples of 3D CAD – what and how.	A variety of examples. Contributions from around the table.
2	The art of presenting in 3D.	How much to show and what to leave out.
3	3D CAD from a recipients point of view	Invite clients / contractors
4	Austrroads part 3 on structural drafting.	John Gorman could present
5	What support industry needs from the software providers – hands on practitioners.	Invite Bentley and Autocad
6	3D pdf presentations	John Davies indicated this as the preferred method of documenting, presenting and checking work.
7	Training - a lot of new recruits can't draw.	Invite lecturers from TAFE's
8	Exploiting the full potential - different uses of 3D	Multi disciplinary - Jason
9	The next step – 4D - thinking through construction	JLW / UK Arup Parametric examples. JD / PB Inventor examples

Methods of Learning / Sharing / Participating to Consider

Method	Implementation
Examples	Main focus of the HSD
Table discussion	Following each presentation
Network	Valuable opportunity at lunch
Training resources	Share knowledge on available / published information

Contributors

The first half day seminar should aim high, and provide some top end examples of 3D CAD to show what can be achieved.

Future half day seminars can come down a few notches to provide more hands on useful day to day support for those progressing in this area. – See page 3.

Date for the Half Day Seminar

Proposed Date? June 22nd 2011
Morning or Afternoon? Morning

Method of Advertising

Suggested methods of advertising to reach interested Technicians. We agreed that personal network is at present the most effective means of spreading the word.

Future Organisation

On the assumption that this half day seminar has sufficient demand to warrant continuing with this initiative, the future organization of these events should lie with the group who have the greatest interest and investment in it.
Volunteers for an organization team invited. This to be discussed at the next planning meeting in May.

IStructE

The IStructE has initiated this event, and are keen to support Technicians in any way practicable. We have a Technician grade of membership if you are interested in joining.

We have room in our local branch for interested Technicians – we will support initiatives to help you.

We would also like to invite a Technician to join our Committee of Management to help to shape the branch for your benefit.
To be discussed at the next planning meeting in May.

ACTIONS

Ref	Action / by	Date
1	Frame up ideas for 25 minute presentation / discussion sessions for the FIRST seminar (see suggested list below)	By the next meeting in May
2	DRM to circulate RECORD OF MEETING with first draft of the suggested programme	COMPLETE
3	DRM to call a second planning meeting to finalise the arrangements for the HDS	11 th May 2011 at 12:30 at Arup office
4	DRM to invite invite BENTLEY and AUTOCAD to attend the HDS	By end of April
5	DRM to invite TAFE lecturers to attend HDS	By end of April
6	DRM to invite Client / Contractors	By end of April
	ALL to pass this information on to friends / colleagues who would be interested in this opportunity for Technicians	By the next meeting in May

Ref	Subject	Presenter
1	Showcase examples of 3D CAD – Buildings	JLW
	Showcase example od 3D CAD - Bridges	MT, EB
2	The art of presenting in 3D.	CS
3	3D pdf presentations	JD
4	3D CAD from a recipients point of view	Invite clients / contractors
5	What support industry needs from the software providers – hands on practitioners.	Invite Bentley and Autocad
6	The next step – 4D - thinking through construction	JLW / UK Arup Parametric examples. JD / PB Inventor examples

We have too many ideas for the first HSD, but we can plan to incorporate this in future HSD's.

Thankyou all for supporting this planning day.