

## Executive Committee Meeting Agenda and Minutes

Wednesday July 19<sup>th</sup>, 2006 - 9:00am – 4:00pm  
 NIBS Headquarters – Main Conference Room –  
 1090 Vermont Avenue, NW, Suite 700 | Washington, DC 20005-4905

9:00 am	Opening Comments – Chair, Deke Smith
9:30 am	Fundraising Task Team Report – Ric Jackson Status, Milestones & Discussion
10:00 am	Scoping Task Team Report – Dianne Davis Status, Milestones & Discussion
10:30 am	Development Task Team Report – Bill East Status, Milestones & Discussion
11:00 am	Communications Task Team Report – Alan Edgar Status, Milestones & Discussion
11:30 am	Testing Task Team Report – George Percivall Status, Milestones & Discussion
12:00 Lunch	Continued discussions - Presentations
1:00 pm	Consensus, Testing & Publication Planning Session
2:30 pm	Ballot Item Discussion
3:45 pm	Next meetings: Wed., Aug 23, 2006 Wed., Sep 20, 2006 Mon., Oct 30, 2006 Mon., Dec 4, 2006 - Annual Meeting @ AEC-ST
4:00 pm	Adjourn

### **Executive Committee Members:**

✘ Markku Allison (AIA Alt.)	<a href="mailto:MAllison@aia.org">MAllison@aia.org</a>
☎ Andy Fuhrman – OSCRE	<a href="mailto:andy.fuhrman@oscre.org">andy.fuhrman@oscre.org</a>
✓ Bill Brodt - NASA	<a href="mailto:wbrodt@nasa.gov">wbrodt@nasa.gov</a>
✘ Bob Bank – COE	<a href="mailto:Robert.Bank@hq02.usace.army.mil">Robert.Bank@hq02.usace.army.mil</a>
☎ David A. Jordani, FAIA	<a href="mailto:djordani@jordani.com">djordani@jordani.com</a>
✘ Steve Hagan – GSA	<a href="mailto:Stephen.hagan@gsa.gov">Stephen.hagan@gsa.gov</a>
✘ David Hammond - USCG	<a href="mailto:DHammond@comdt.uscg.mil">DHammond@comdt.uscg.mil</a>
☎ H. Michael Hill – CSI (Co-Rep)	<a href="mailto:mhill@tortigallas.com">mhill@tortigallas.com</a>
✓ Deke Smith – OSD - Chair	<a href="mailto:deke@dksic.net">deke@dksic.net</a>
✓ Earle Kennett - NIBS	<a href="mailto:ekennett@nibs.org">ekennett@nibs.org</a>
✘ Francois Grobler - IAI	<a href="mailto:f-grobler@cecer.army.mil">f-grobler@cecer.army.mil</a>
✓ Greg Ceton - CSI	<a href="mailto:GCeton@csinet.org">GCeton@csinet.org</a>
☎ Mark Reichardt - OGC	<a href="mailto:mreichardt@opengeospatial.org">mreichardt@opengeospatial.org</a>
✘ Ric Jackson – FIATECH - Fundraising	<a href="mailto:jackson@fiatech.org">jackson@fiatech.org</a>
✘ Thomas Gay - FM Global	<a href="mailto:thomas.gay@fmglobal.com">thomas.gay@fmglobal.com</a>
✘ Tony Rinella - AIA	<a href="mailto:tr@anshen.com">tr@anshen.com</a>

### **Task Team Chairs:**

✓ Scope	Dianne Davis - AEC Infosystems	<a href="mailto:D.Davis@AECinfosystems.com">D.Davis@AECinfosystems.com</a>
✓ Development	Bill East – COE	<a href="mailto:bill.w.east@erdc.usace.army.mil">bill.w.east@erdc.usace.army.mil</a>
☎ Testing	George Percivall - OGC	<a href="mailto:gpercivall@opengeospatial.org">gpercivall@opengeospatial.org</a>
☎ Communication	Alan Edgar - GSI	<a href="mailto:aedgar@graphicsystems.biz">aedgar@graphicsystems.biz</a>

## Action items:

1. Discussion of establishment of Process Integration Task Team  
**Status:** Approved
2. Discuss and Approve Responsibility Matrix roles and responsibilities – Tab A  
**Status:** More work – Deke action
3. Identify chair for the Consensus Committee – Tab B  
**Status:** No candidates identified
4. Approve list of products and assignments to move forward for version 1 – Tab C  
**Status:** Still working – back to committee soon - Deke
5. Approve schedule for consensus – Tab D  
**Status:** Linked to previous items – still working - Deke
6. Review and approve Consensus, Testing & Production Process  
**Status:** On hold pending decision on items above
7. Task team charge to be prepared  
**Status:** Assigned to task team leads
8. Review of taxonomy  
**Status:** Ready for final review and approval

## Minutes

The meeting was called to order by chairman Deke Smith at 9:05am

The chairman introduced a guest who will be working with us over the next year or more, Air Force Captain Patrick C. Suermann, PE who is a Rinker Scholar, PhD student at the University of Florida. Patrick is working toward his doctorate on study related to BIM and will be available to support our efforts to launch the National BIM Standard as appropriate to support his studies and research.

The chairman's opening comments were centered around the task of moving the group from the research and development phase to the production phase of getting a standard out by the end of the year. He also reviewed the action items which needed to be addressed throughout the course of the meeting.

It was also noted that David Jordani will be standing up a new task team for process integration. The Process Integration Task Team will be defined over the next couple of weeks.

It was also noted that the Consensus Committee will be standing up in the very near future. The discussions that occurred during the meeting will need to be documented prior to standing up the group so that they will be able to accomplish their mission effectively. A leader for that group will also need to be identified.

Deke indicated the criticality of accomplishing our goal by the end of the year as the whole industry appears to have their eyes upon our efforts. Most of the articles and presentations related to BIM mention the need for standards and the fact that we are working on these. He indicated his pleasure with the level of support provided thus far, largely from expert in-kind resources. He indicated that we have made excellent progress and remain on track to deliver a strong foundational product on schedule.

## **Fundraising** – Earle Kennett

The first presentation was from the funding committee who reported the official award of a grant to support the efforts of the NBIMS from the Charles Packhow Foundation. This grant is oriented toward developing the consensus standards for pre-cast concrete. Mr. Chuck Eastman from Georgia Tech will be the principal for the effort and will coordinate the product with the NBIMS team. The outcome will be a real world foundation and test for the processes we plan on putting in place for the standard. Mr. Kennett also identified that some basic funding for expenses had been budgeted for NBIMS activities. In addition there are several other organizations who are in discussions concerning providing funding to the NBIMS effort. It is anticipated that as soon as the plan for the standard is unveiled that we will see several more organizations provide

resources to ensure the effort is a success.

It was also noted the strong support coming from the Army Corps of Engineers and Naval Facilities Engineering Command during a recent meeting with the Senior Executives from those services. It is their intent to support the National BIM Standard and not develop their own standard. To that end resources from CERL and the “new” CAD-BIM Center are anticipated as well as some financial support in an amount yet to be determined. It should be noted that the former CAD/GIS Technology Center is currently undergoing a re-chartering as well as internal coordination effort between themselves and CERL.

It was also mentioned that there needs to be an effort in place to ensure that best practices are identified so that people interested in implementing BIM's don't have to start from scratch, but can take advantage of the best practices of others. Bill East suggested that if anyone had a good case study that they should provide that to Mark Palmer at NIST for possible inclusion in a publication of case studies that they are working on.

At this point Deke Smith brought out the “relationship matrix” indicating that it is probably in need of a re-naming as it is really the plan for the content of the standard and the organizations that are participating. In this case we were looking at for the various groups that are participating in the NBIMS effort and who should be providing resources. It is important that we ensure that we have representation from the various groups listed as well as identify any additional groups. The only reason it has not gone out to the groups listed thus far is that we need an agreed to scope for the standard. We are going to ask what areas the groups are interested in providing input, reviewing or approving. This coordination will begin shortly. We are in the final stages of identifying POC's also.

## **Scoping** – Dianne Davis

Dianne provided a set of slides to support a discussion related to the efforts of the scoping task team. The primary effort has been focused around development of the Information delivery manuals. She provided copies of these documents which are receiving high praise from the international community. To this end she has been invited to Lisbon to present our efforts in the United States. It was suggested that an object model repository may be set up at the CAD-BIM Center. It was unclear if this repository would be available as a national asset or just for use by the military community. A template for what an object should look like will be developed.

Dianne discussed some modified goals for the group. Their goal is now to provide an integrated source, resource and workplace for exchange standard work and best practices. To seek, add, and modify these over time and ensure that the exchanges are web-enabled in a searchable database. We need to seek out groups that are working on these activities and provide tools to support those actions that feed the broader NBIMS activities. Her group will develop a unified and cohesive representation of BIM information flows for use in projects, contracts, and technology from this work.

The IDM's will be the bridge to the IFC's for the users as the IDM's will identify the parties needing to exchange information and describe the actual information to be exchanged. The concept here also is that once the IDM process is defined many parties will be able to develop IDM's. These IDM's will be the primary items to go through the consensus process supported by the NBIMS. If IFC's don't exist to support the needs of the IDM's then they will need to be developed.

## **Development** – Bill East

Bill went over his report and all their projects which is attached. There are quite a few projects that they are working with currently and he provided us with the status of each. It appears that COBIE will be the only one ready for inclusion in the first version of the standard. It is anticipated that COBIE will be demonstrated and IAIA Industry days at the end of October. There were discussions also related to the case studies being initiated for COBIE. The link of COBIE's testing phase with the Testing Task Team was also discussed. Bill presented a position that once the standard is in place it should not change for three years so that developers do not have to deal with a constantly changing standard. It is anticipated that this concept will be adhered to

as much as possible although new content will continuously be added. Bill also provided us some excellent insight into what parts of the standard should go to consensus. Bill will be providing some details concerning that discussion to be evaluated by the executive committee.

## Communication – Alan Edgar

Alan also provided a report which I will not repeat here in the minutes as you can glean specific information from that. It should be noted that all task teams have been assigned to develop a charge for their team. The charge should be based on what was developed by the communications committee. This document will be important in helping to ensure that each task team member understands not only their role but also what other teams are doing.

Alan worked on publishing a document for the Whole Building Design Guide which was published the day prior to the meeting. Alan's focus is on consensus, convergence and production.

With the approval from the Charles Packhow Foundation the task team will be getting out a press release.

The governance document is going to be the next task as that will also be the basis for the consensus group. There was also discussion centered around the education aspect of our effort as it is felt that that will ultimately be the biggest part of our task. He encouraged everyone to write and coordinate articles with the communications team.

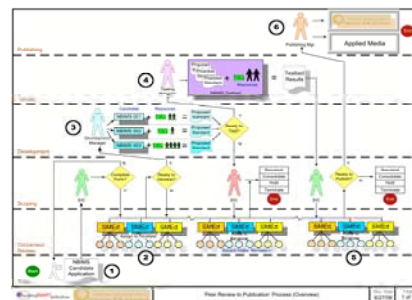
## Testing - George Percivall

Alan presented his slides from afar. His presentation discussed the OWS-4 effort and the folks involved. The discussion evolved to discussion of how we move into testing the products of the NBIMS effort from our current environment of bringing in a product such as OWS-4. Some of this will depend on what we finally end up sending to consensus.

The testing process takes approximately six months by the time requests for proposals are developed, presented and responded to. The vendors then test the products on their own to ensure that the standard is implementable. With the approach we are taking the information exchanges will be the only items needing testing.

## Discussion – Deke Smith

The discussion centered on what the standard should look like. It was suggested that the standard itself may only be about 10 pages and that the focus would be on the information exchanges. The goal being “not to provide fish, but to teach people to fish”. Hence the Information Delivery Manuals will include detailed descriptions on how to build an information exchange. One role we can play is allow people to know which IDM's are being developed and when complete funnel them through a consensus process to ensure that full coverage of all views is ultimately developed. A proposed diagram of this process is found at the right.



The final product will also serve to provide a compendium of best practices and instruction for people just beginning the BIM effort. It is felt that there will be three major sections to the standard. A base format section which will include overviews of business processes, maturity models and participants in BIM, in addition to the exchange format and the information exchanges themselves.

Upcoming meetings were discussed and set as identified at the beginning of this document. It should also be noted that the last week of October will be a series of several events that will involve BIM and NBIMS related events. However, we will use the AEC-ST conference in December to hold the annual meeting and make the official presentation of the standard.

Being no further business Deke adjourned the meeting at 3:15pm.