

## Executive Committee Meeting Agenda & Minutes

Thursday - February 9<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
10:30 am	Scoping Task Team Report – Dianne Davis Status, Milestones & Discussion
11:30 am	Development Task Team Report – Bill East Status, Milestones & Discussion
12:30 Lunch	Continued discussions
1:00 pm	Testing Task Team Report – George Percivall Status, Milestones & Discussion
2:00 pm	Communications Task Team Report – Ed Goldberg Status, Milestones & Discussion
3:00 pm	Planning Session / Workshop
3:45 pm	Set times for next meetings Proposed – <del>Wed., Mar 1, 2006</del> —Revised dates in minutes <del>Wed., Apr 5, 2006</del> <del>Wed., May 3, 2006</del> <del>Wed., Jun 7, 2006</del> —
4:00 pm	Adjourn

### **Executive Committee Members:**

✓ Deke Smith – OSD - Chair	✓ = Attended ✗ = Did not attend <a href="mailto:deke.smith@cox.net">deke.smith@cox.net</a>
✓ David A. Jordani, FAIA – Co-Chair	<a href="mailto:djordani@jordani.com">djordani@jordani.com</a>
✗ Markku Allison (AIA Alt.)	<a href="mailto:MAllison@aia.org">MAllison@aia.org</a>
✗ Bob Bank - COE (Alt for MK)	<a href="mailto:Robert.Bank@hq02.usace.army.mil">Robert.Bank@hq02.usace.army.mil</a>
✓ Bill Brodt - NASA	<a href="mailto:wbrodt@nasa.gov">wbrodt@nasa.gov</a>
✓ Greg Ceton - CSI	<a href="mailto:GCeton@csinet.org">GCeton@csinet.org</a>
✓ Andy Fuhrman - OSCRE	<a href="mailto:andy.fuhrman@oscre.org">andy.fuhrman@oscre.org</a>
✓ Thomas Gay - FM Global	<a href="mailto:thomas.gay@fmglobal.com">thomas.gay@fmglobal.com</a>
✓ Francois Grobler - IAI	<a href="mailto:f-grobler@cecer.army.mil">f-grobler@cecer.army.mil</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>
✗ Ric Jackson - FIATECH- Fundraising	<a href="mailto:jackson@fiatech.org">jackson@fiatech.org</a>
✓ Earle Kennett - NIBS	<a href="mailto:ekennett@nibs.org">ekennett@nibs.org</a>
✗ Moody K Miles - COE	<a href="mailto:Moody.K.Miles@hq02.usace.army.mil">Moody.K.Miles@hq02.usace.army.mil</a>
✓ Mark Reichardt - OGC	<a href="mailto:mreichardt@opengeospatial.org">mreichardt@opengeospatial.org</a>
✓ Tony Rinella - AIA	<a href="mailto:tr@anshen.com">tr@anshen.com</a>

### **Task Team Chairs:**

✓ Dianne Davis - AEC Infosystems - Scoping	<a href="mailto:D.Davis@AECinfosystems.com">D.Davis@AECinfosystems.com</a>
✗ Bill East – COE - Development	<a href="mailto:bill.w.east@erdc.usace.army.mil">bill.w.east@erdc.usace.army.mil</a>
✓ George Percivall - OGC - Testing	<a href="mailto:gpercivall@opengeospatial.org">gpercivall@opengeospatial.org</a>
✓ Ed Goldberg – RA - Communication	<a href="mailto:h.e.goldberg@verizon.net">h.e.goldberg@verizon.net</a>

## Minutes

### Chairman Report

The meeting was called to order at 9:10am by the chairman Deke Smith.

Attendance is identified on the list above. Dave Jordani and Andy Furman attended via voice conference. Steve Hagan was only recently invited onto the Executive Committee and due to the short notice was not able to attend. Ric Jackson was also unable to attend and Earle Kennett acted as his proxy. Bill East provided a written report.

The chairman discussed his pleasure with how the group was working together not only the products being developed by the committees, but also the cross committee dialogue that was taking place. We are progressing well and now need to come to closure on items, especially in scoping so that we can continue to move forward and meet our deadline.

### Fundraising

Earle Kennett provided the attached report and discussed the major aspects of the fundraising approach. The review, development, and industry consensus will be a volunteer effort. The budget will primarily address items related to the consensus effort to include development, documentation of business processes, consensus management, testing, validation, industry review and adoption support. The following cost centers will need to be estimated:

- The costs of documenting the information exchange requirements for the identified business transactions through subcontracts with selected Subject Matter Experts (SMEs). **Pricing for this center is assigned to the scoping team.**
- The costs required to assure a comprehensive and responsive consensus process including sufficient automaton and collaboration capability to support management of the advancement of the NBIMS. **Pricing for this center is assigned to the development and testing team.**
- The costs of testing and validating the selected transactions and the NBIMS or segments of the NBIMS that represent these processes. **Pricing for this center is assigned to the testing team.**
- The costs required for outreach and communications throughout the NBIMS development process including involvement in related conferences. **Pricing for this center is assigned to the communications team.**
- The management costs involved in the NBIMS process including NIBS administrative costs, meeting costs and other direct costs. **Pricing for this center is assigned to NIBS staff.**

Discussion then focused on who would be identified to provide the funding. While all participants in the facility life cycle are beneficiaries and should be looked at to participate in the funding effort either through direct support or funding in kind. However the primary beneficiary of this effort and therefore the group looked to to provide the most significant portion of the funding will be the facility owners. The possibility of grants is also being explored.

Earle reported that he and Dave Harris had met with Steve Iselin and Jim Wright of NAVFAC and that they had indicated an appreciation of the effort and a potential level of support. Deke Smith reported that OSD was being briefed on the issue next week.

Tony Rinella indicated that he would be talking to the AIA Large Firm Round Table group next week and would solicit interest in the effort and get a sense of their interest in providing some funding. He will also be speaking with the Graphisoft president and the Construction Users Round Table (CURT) and discuss the issue. Tom Gay will be

speaking to a group related to Risk & Insurance.

The fundraising team indicated that we really needed to nail down scoping in order for them to come up with credible estimates of the cost of the effort. **The goal was set to have a working estimate by the time of the next meeting of the executive committee.**

## Scoping

Scoping task team chair Dianne Davis presented their report and she and Francois discussed the issues related to scoping. It was identified that the diagram presented in their report is a detailed plan of how it all will come together and that this is not intended to be the “simplified chart” for explaining BIM to non-technically oriented folks.

This chart is the first of three charts to be produced. It was also noted that information available in the industry that has been developed for at least the past ten years would be evaluated for its relevance. Several items of note are the FIATECH roadmap, the work of the International Centre for Facilities and OSCRE’s extensive diagrams. A link of the efforts of the AIA Congresses assembly of standards efforts must also be established.

The integration of the various standards and quasi-standards efforts will also be integrated as appropriate.

This is not a simple technological issue and therefore will take extensive work to diagram in order to understand the nuances of the relationships and the information exchanges required.

It was felt that the “Family of BIMs” terminology should give way to the term “contracted exchange requirements”

We also need to identify the metaprocess required to add new items to the model over time. A special aspect of this is determining which capabilities provide the most value to the model as well as which ones will be funded.

Francois identified that the IAI feels that approximately 80% of building process are global in nature while 20% are specific to the locality or country. Given that we want to start with work that is being done internationally.

Three sub-groups are being established to continue the work of the task team.

1. Information Delivery Model (IDM)
2. Business Case Definition
3. IDM Templates for Detailed Description and Metaprocess development

Discussion throughout the day helped focus the scoping team and the decision was made to narrow the scope as much as possible for the first version of the standard so that we could work through the overall process of the standard production to include testing. We still need to present the overall long range intent of BIM so all the player will see the opportunity and that decisions made today will ultimately be able to support them. To that end Asset Inventory will be the primary focus. Since this information will be at the heart of the BIM, it will still be quite substantial. **The scoping team will further define this scope over the next couple of weeks.**

## Development

The development team report provided by Bill East was reviewed by the chairman and expanded upon by Francois Grobler and Bill Brodt.

Development has identified that it will use the IDM process developed in Norway to best take advantage of international work being accomplished. Further we will use BPMN and that software is available for approximately \$300. Visio can also be used for BPMN models. This happens to be the same process being used by the DoD Business

Transformation Agency with the development of the Business Enterprise Architecture. Although they use Popkin System Architect as their software.

Bill also identified three projects that will be able to be leveraged to help develop and demonstrate BIM. They are Building Composer and ProjNET, The ICC Code Checking project and the Construction Operations Building Information Exchange (COBIE). These will be valuable demonstrations and efforts to support our progress. Deke Smith indicated that he had met with Dave Conover of ICC last week and there is a close alignment of their work with the standard.

The group also discussed the role of the Whole Building Design Guide in the BIM and it was felt that a BIM component of the WBDG would be appropriate as a vehicle to deliver the products of the NBIMS effort.

**It was requested that a report be provided to document the relationship of our development process with the international effort be developed so that others could understand the relationship.**

**It was also requested that a vehicle be established where terminology could be kept and updated. [That has been established on the OGC site following the meeting]**

**Francois offered to provide a link to the SABLE project.**

## Testing

George Percivall presented the work that the testing team had accomplished to date. Part of his presentation addressed the test cases that must be developed related to the nature of the scoping effort. This discussion was the primary item that led to the decision to minimize the number of players or user views to scope in the first version. The testing effort will be extensive and excessive multiple cases are expensive to develop. By limiting the number of cases and focusing on process for the first version we will establish a better foundation on which to build future versions.

George also worked back from December with the schedule and this provided the basis for our need to bring scoping of version 1 to a closure as quickly as possible.

Once scoping completes their definition of version 1 the test plan can be developed and the request forwarded to the vendors.

During lunch OGC presented a video of a recent test that they had completed to give the members of the committee a better understanding of what is required. The presentation was well received.

## Communications

Ed Goldberg provided the group an update on the activities of his task team. They are working a press release. The group was asked to review that by Monday and then it would be sent to NIBS/OSCRE editors for cleaning up with the intent of distributing it by Friday Feb 17<sup>th</sup>. An extensive list of publications has been assembled. Earle Kennet also mentioned that NIBS has a list of approximately 300 publications that they send their press releases to. **Ed indicated that as soon as this press release was completed that they would begin work on the next one.** It was felt that it is important to get this information out on a very regular basis.

The group has also requested a simplified diagram to describe BIM and where the NBIMS fits in the picture. Several alternatives have been offered and this is fueling the creative thought of the committee at large. It is hoped that after a few more iterations we will have an acceptable product for distribution.

Deke Smith offered up an article that he has written related to the charter for publication.

**He mentioned that e would also send out the document to encourage listserv participants to sign the charter.** [Note: This was done after the meeting and in the first day it generated 5 additional organizational commitments to supporting the Charter.

It was requested that a set of three slides be developed that can be included in presentations that people are giving in the next several months to various groups. **Deke agreed to develop those as quickly as possible. He will also put together a chart of all the players currently involved in the NBIMS effort.**

As part of the information going out with the press releases the BIM definition was identified. The group reviewed the following definition and agreed to it as the current "official" BIM definition.

**Official BIM Definition:**

***A Building Information Model or BIM utilizes cutting edge open standard digital technology to establish a computable representation of all the physical and functional characteristics of a facility and its related project/life-cycle information, and is intended to be a repository of shared information for the facility owner/operator to use and maintain throughout the life-cycle of a facility.***

**Next Meetings**

The proposed dates for the next meetings were discussed and while the desire to integrate with the OGC meeting in Huntsville next month was strong, the travel schedules could not be supported by a majority of the group. Therefore Mark Reichardt will convey the sense of the committees intense interest to work with the OGC. This came out also in the scoping and communications discussion.

Following that discussion the following dates were set for meetings at NIBS in Washington, DC:

- Wednesday March 15<sup>th</sup>
- Wednesday May 3<sup>rd</sup>
- Wednesday June 14<sup>th</sup>

**Adjournment**

Being no further business for the executive committee, chairman Deke Smith adjourned the meeting at 3pm for additional small group meetings to follow.