



## Executive Committee Meeting **Agenda & Minutes**

Monday - January 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<br>Involvement of Task Team Chairs |
| 9:15 am     | Task Team Assignments - Scoping   |
| 9:30 am     | Status, Milestones & Discussion   |
| 10:00 am    | Task Team Assignments – Development                                     |
| 10:15 am    | Status, Milestones & Discussion   |
| 11:00 am    | Task Team Assignments – Testing   |
| 11:15 am    | Status, Milestones & Discussion   |
| 12:00 Lunch | Continued discussions   |
| 1:00 pm     | Task Team Assignment – Communications                                   |
| 1:15 pm     | Status, Milestones & Discussion   |
| 2:00 pm     | Fundraising plans and approach – Ric Jackson                            |
| 3:00 pm     | Future Meeting planning   |
| 4:00 pm     | Adjourn   |

Executive Committee (12-22-05)

### **Members:**

|  |  |
|--|--|
| <b>X</b> - Allison, Markku (AIA Alt.)      | <a href="mailto:MAllison@aia.org">MAllison@aia.org</a>   |
| <b>P</b> - Andy Fuhrman - OSCRE            | <a href="mailto:andy.fuhrman@oscre.org">andy.fuhrman@oscre.org</a>                                       |
| <b>N</b> - Bill Brodt - NASA               | <a href="mailto:wbrodt@nasa.gov">wbrodt@nasa.gov</a>   |
| <b>N</b> - Bob Bank - COE (Alt for MK)     | <a href="mailto:Robert.Bank@hq02.usace.army.mil">Robert.Bank@hq02.usace.army.mil</a>                     |
| <b>P</b> - David A. Jordani, FAIA          | <a href="mailto:djordani@jordani.com">djordani@jordani.com</a>   |
| <b>X</b> - David Hammond - USCG            | <a href="mailto:DHammond@comdt.uscg.mil">DHammond@comdt.uscg.mil</a>                                     |
| <b>N</b> - Deke – OSD - Chair              | <a href="mailto:deke.smith@cox.net">deke.smith@cox.net</a>   |
| <b>N</b> - Earle Kennett - NIBS            | <a href="mailto:ekennett@nibs.org">ekennett@nibs.org</a>   |
| <b>P</b> - Francois Grobler - IAI          | <a href="mailto:f-grobler@cecer.army.mil">f-grobler@cecer.army.mil</a>                                   |
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| <b>X</b> - Miles, Moody K - COE            | <a href="mailto:Moody.K.Miles@hq02.usace.army.mil">Moody.K.Miles@hq02.usace.army.mil</a>                 |
| <b>N</b> - Ric Jackson - FIATECH           | <a href="mailto:jackson@fiatech.org">jackson@fiatech.org</a>   |
| <b>N</b> - Thomas Gay - FM Global          | <a href="mailto:thomas.gay@fmglobal.com">thomas.gay@fmglobal.com</a>                                     |
| <b>X</b> - Tony Rinella - AIA              | <a href="mailto:tr@anshen.com">tr@anshen.com</a>   |
| <b>P</b> - Davis, Dianne - AEC Infosystems | <a href="mailto:D.Davis@AECinfosystems.com">D.Davis@AECinfosystems.com</a> (Chair Scoping)               |
| <b>X</b> - East, Bill - COE                | <a href="mailto:bill.w.east@erdc.usace.army.mil">bill.w.east@erdc.usace.army.mil</a> (Chair Development) |
| <b>N</b> - Percivall, George - OGC         | <a href="mailto:gpercivall@opengeospatial.org">gpercivall@opengeospatial.org</a> (Chair Testing)         |
| <b>N</b> - Goldberg, Ed - RA               | <a href="mailto:h.e.goldberg@verizon.net">h.e.goldberg@verizon.net</a> (Chair Communications)            |

**N** = Attended at NIBS, **P** = Attended via phone, **X** = Did not attend

## **General Minutes** (See specific Task Team comments below the task team sections)

Initial discussion of the web portal usage by Mark Reichardt. However not everyone had access so that discussion was delayed. Task team chairs were added to the portal so they can access and post information for the Executive Committee. It is expected that all items issued by the National BIM Standards Committee shall come through the Executive Committee for coordination and final approval prior to release.

Executive Committee needs to define what the standard table of contents will contain. Deke Smith will draft first cut.

### **Fund Raising Committee** – Ric Jackson, Chair, Earle Kennet, Brad Holtz

Ric first identified some possible sources for funding. We have short term needs as well as long terms sustaining efforts. The primary beneficiaries will be owners and others likely outside the A/E/C community.

Felt that if we want to produce something in the time frame identified that we will need to hire a facilitator, technical writer and others to actually produce the product, then we will take it to the task teams for consensus. Scoping task team shall participate with contracted staff to articulate products. Committee needs to determine how much it will cost and to put together a proposal for the product:

- Phase 1 – Version 1 Scoping workshop – Approximately \$10-\$15k
  - Need concerted effort to identify product – Time sensitive
- Phase 2 – Subject Mater Expert Workshop – Price to be determined by committee
  - SME for each functional view
  - Find the expert that knows what data is required and pay them to participate
- Phase 3 – Finalize document – Price to be determined by committee
- Phase 4 – Future work for Version 2 – Price to be determined by committee

Fund Raising Committee to take the first shot at developing proposal. They shall identify why we feel the investment will yield a usable product. This is based on NCS demonstrated experience and the fact that NIBS, FIATECH, OGC and OSCRE are teaming up on project. Additional funding will accelerate product development. This is the best game in town.

Executive committee will identify potential SME's for each use case based on Scoping Task Team initial recommendations.

Next Executive Committee Meeting planned for February 9<sup>th</sup> in Washington, meeting after that to coincide with meeting in Huntsville, date to be validated. It is felt for the time being that the Executive Committee needs to meet once a month.

The February 9<sup>th</sup> meeting is to review the fund raising proposal and approve the schedule for workshops and review progress to date by task teams.

Meeting adjourned at 3:00

Submitted by Deke Smith, January 9, 2006.

## Scoping Task Team

### Scoping Task Team Members as of 1-4-2006:

|  |                                      |
|--|--------------------------------------|
| * Davis, Dianne - AEC Infosystems - Chair                | D.Davis@AECinfosystems.com           |
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| Davoodpour, Shiva - CID Eng                              | sdavoodpour@cidengineering.net       |
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| Grant, Roger - CSI                                       | RGrant@csinet.org                    |
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| Szigeti, Francoise - International Centre for Facilities | fs-gd@icf-cebe.com                   |
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(29 members)

### Initial Tasking as of 12-22-2005:

As you aware the following are the initial tasks that were identified for the team:

- Identify the total BIM Scope
- Determine the coverage for Version 1.0
- Further develop the Maturity Model

It was suggested at the meeting that you first develop a compendium of all products currently available related to BIM. There are guidelines, handbooks, vendor documentation, articles, taxonomies, users, contract language, best practices, etc. I would suggest first requesting from the list serve that people send you information then organize that information. We will work on a way to make it available to everyone. From that we should be able to further develop the overall scope as well as identify what is possible for version 1.0. I have attached the latest documents relate to each of the above. Expand on them as you see fit.

In the earlier tasking document I suggested a milestone chart, and I urge you to look that over and see if it will work for your group.

It will be important to identify some basic capability as soon as possible so that the development group will be tracking with what you feel is the scope of version 1.0.

I would like to issue a weekly update on progress of the group to the list serv. This does not have to be extensive, just something to give the groups an idea of how you are progressing. The communications team can then use that to keep others informed of our progress.

## **Scoping Committee Minutes / Discussion**

Dianne Davis

A charter for the group and guidelines have been drafted and will go to the committee for comment shortly. It is felt that the group is too large so each member will be polled to determine if they wish to play an active development or passive/review role.

They have started looking at the definition and maturity model and are potentially modifying them to support the thinking of the group. They are looking to identify functional views of the data to break from the linear concept of the maturity model. The outcome will be business role based. They are interested in the business roles and especially about what data needs to be passed from one business role to the next.

They questioned whether or not the compendium should be tasked to their team, but for the time being the tasking will remain. The primary role of the compendium will be a reference pool to the products already in the market place that we will identify as parts of the Version 1.0 of the standard.

The primary products will be:

- BIM definition – review/update original working definition and gain consensus
- Consensus goals and objectives
- Task teams notion of Version 1 scope – working with executive committee
- Update and gain consensus for maturity model
- Define/identify functional views of data
- Identify data flows between functional views – ICOMs (Inputs, Controls, Outputs, and Mechanisms)

These need t be provided as quickly as possible so other task teams can use them as basis for their efforts.

The funding discussion took place after Dianne had to depart the meeting. It was stressed that the contract staff would be used primarily to augment and accelerate the volunteer efforts. But that the Task Team would remain the first level of consensus and should participate in the process to the fullest extent possible.

## Development Task Team

### Development Task Team Members as of 1-4-2006

|                                 |                                    |
|---------------------------------|------------------------------------|
| * East, Bill - COE - Chair      | bill.w.east@erdc.usace.army.mil    |
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### Initial Tasking as of 12-26-2005

You will provide the real meat of the standard. Your initial tasks are identified below, but I am sure you will identify additional tasks that need to be accomplished. You will need to work closely with the scoping team to ensure that we can meet our December 2006 deadline. That will be all about scoping and staying with that scope. We can't bite off more than we can chew; likewise we want to make sure we output a valuable product.

- Business Processes
- Business Rules
- Data Structures
- Data Models
- Reference Standards
- Contract Language

The scoping team has been asked to put together a compendium of documents for reference.

You should contribute to that and use it. You may want to go out on your own search of sample contract language, business rules and data elements. I attached a slide that I am developing for internal DoD use that may be of value. As I see it currently A/E's are developing information, Contractors are developing information but it is not flowing to a common BIM for the facility.

Likewise each stage is collecting information for their own needs, but is there additional information that is required for follow-on stages that is not yet being collected. Just some thoughts....

Keep in mind that this will initially be at an enterprise level as the vendors will actually implement the details. We want to paint a broad brush vision of how BIM will work to support the industry as a whole.

I don't have any problems in coming out with information early, prior to December 2006. If we have some good stuff that ought to get out to folks then we can launch the communications team to spread the word. Case in point, there are a lot of people looking for contract language. If we came up with some standard language early, that would be very helpful. A lot of what is coming

out now is vendor specific, and I think one of our goals should be to provide vendor neutral products.

I copied the Executive Committee on this email so they can see where we are going with all this. I encourage you to work among yourselves initially, then use the Executive Committee as a sounding board. Then when you are feeling pretty good go out to the entire list serv for comments.

I also ask that you provide a short paragraph or set of bullets on a weekly basis to the list serv of your activities so we can keep everyone informed of progress.

## **Development Committee Minutes / Discussion**

Bill East

Bill could not participate but did provide a presentation that was distributed to the executive committee.

It was reiterated that initially the group needs to look primarily at existing capability for version 1.0 and “develop” as little as possible.

They are somewhat dependant on the scoping team completing their initial work – schedule will need to be worked out.

The contract language issue was brought up and discussed. Caution was urged to ensure that we are not perceived as affecting how various associations such as AIA contract for products. It was felt that initially we may need a compendium of contract language included for the BIMs currently in place. This was identified as a somewhat difficult task. However it will identify who has successfully obtained a BIM with their project.

Development and testing will need to run in parallel as products developed will need to be tested/exposed to the vendors to determine if they will have problems implementing the standard.

We must go beyond A/E/C/FM community and look at issues such as risk management.

Need to focus on Real Property Asset Management as it is on the Presidents Management Agenda. Should start with 23 FRPC data elements and the 180 data elements identified in the RPIR as data models already exist for those.

## Testing Task Team

### Testing Task Team Members as of 1-4-2006

|                                   |                               |
|-----------------------------------|-------------------------------|
| * Percivall, George - OGC - Chair | gpercivall@opengeospatial.org |
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| Marston, Hunter - AutoDesk        | hunter.marston@autodesk.com   |
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### Initial Tasking as of 1-1-2006:

The testing task team is critical to the success of our standards development effort. We must have a product that can be implemented by all vendors as well as have the ability to demonstrate to potential users that the standard is sound and will be able to withstand the ultimate test of time.

Yours will be a difficult process to develop since you must stay away from vendor bias. Since there is currently only one vendor on the team I suggest that you seek representatives from other vendors to ensure from the start that there is no bias. This is going to be one of those situations that even perceived bias will be a problem.

The initial tasking provided the team includes the following:

- Testing Process Guide
- Vendor Awareness
- Identify Tests
- Conduct Tests

You may also want to contact the IAI-NA as I believe that they are planning a NA version of what the Norwegians demonstrated in 2005. This may be a good opportunity to test what is already in existence. We also found that there are several excellent BIM's in place. We need you to look at the process we need to develop to determine how we could test them in the future.

Please determine if there are other tasks that need to be accomplished as well as better defining what it is you anticipate for each of the above. Milestones are critical to our effort to ensure that we have a product by the end of the year. I ask that you also keep the group informed. I would like to provide something on the List Serve at least once a week. The communication team will organize that effort.

## Testing Committee Minutes / Discussion

George Percivall

While this group is not large yet, vendors will be participating in the testing of the products developed for each phase of the standard. The purpose of the testing will be for the vendor to determine if they have any problems with the standards being developed.

Want to target the IAI-NA demo in the fall for testing the standards impact.

They will bring the OGC process to the table and modify for our purposes. The success will be based on upstream task teams success hence the proposal by funding committee to do what we need to to accelerate the scoping and development process.

We may want to develop possible RFQ for gaining members from the software industry.

OGC Web Services is their next activity and it is very heavily oriented toward the type of effort we are discussion. Looking at relationships with GIS.

## **Communications Task Team**

### **Communications Task Team Members as of 1-3-2006**

|                                       |                                   |
|---------------------------------------|-----------------------------------|
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| Widney, Jonathan - NAVISWORKS         | jonathan.widney@navisworksinc.com |

### **Initial Tasking as of 12-28-2005**

I see the communications team as important for communicating not only inside the NBIMS membership, but also to the outside. Internally I have asked that each group provide a weekly update on what they are doing and post that to the list serv. This should not be more than a paragraph or some bullet items. I would expect that one of the first tasks of your group is a comprehensive communication plan. This will also need to be coordinated with the Executive Committee as they put together the budget and also with the fund raising group so we can properly target our goals for fundraising. I would also expect that with this effort that you will coordinate all external communications so that we are ensuring a common message to the public. After all one of our goals is to clear up what a BIM is. As the scoping team develops the vision for BIM and also for version 1.0 we need to get the word out so we properly set expectations. It will also be important that the vendors have a common message. What I have seen thus far is very positive. They can be a tremendous asset in getting a common message out also.

According to the initial tasking plan the following three items were identified:

- Communication Plan
- Implementation Guide
- Marketing Plan

Please confirm these and the schedule you plan on for producing them. Please also identify other items that you see as needing to be accomplished by your team.

### **Communications Committee Minutes / Discussion**

Ed Goldberg

Held their first meeting last Friday. Identified several publications where we should place information about NBIMS. Now tasked with expanding list to identify other publications for other views

Need an elevator pitch that is simplified for the non-A/E/C/FM community

Will product a communications plan based on the OSCRE model provided by Andy.

Communications will be actively seeking opportunities to get the initial word out as well as progress reports. All groups need to keep communications appraised of their progress.