

## Communications Task Team

Report to Executive Committee – September 20, 2006

Committee currently lists 10 members with two or three actively participating.

Since the July meeting, the Task Team has been working on the following:

1. Supporting Internal Viewers. These are roughly in order of priority and in the last conference call tasks were assigned to CCT members.
  - a. (CTT-105) **New Press Release**: Charles Pankow Foundation support for development of the Pre-Cast Concrete portion of the NBIM Standard. Mark Kiker and ARE prepared the release. Release has been finalized. Bob Miller is proceeding with release distribution. [http://nbims.opengeospatial.org/files/?artifact\\_id=283](http://nbims.opengeospatial.org/files/?artifact_id=283)
  - b. (CTT-502) **NBIMS web site**: The new NBIMS web site is live. Faith Junghans and ARE coordinated with Dominique Fernandez and Bob Payn on the new NIBS/NBIMS web pages. CTT-503 - Listserv enrollment and committee lists continue under discussion in conjunction with needs for consensus balloting (CTT-506, Consensus Voting) and general community surveying for input. ARE has submitted a request for NIBS to support a subscription for web-based survey offerings.
    - Need Task Team Charges for Scoping, Testing, Business Process and Fundraising. See: [http://www.facilityinformationcouncil.org/bim/task\\_teams.php](http://www.facilityinformationcouncil.org/bim/task_teams.php)
    - Update URL to: <http://www.facilityinformationcouncil.org/bim/index.php>
  - c. (TT-203) **Publishing of NBIMS Standards**: CTT is responsible for several elements of Version 1.
    - Sr. Editor?
    - Publishing logistics?
    - Index methodology – Propose using Conformance List approach.
      - For instructions see: [http://nbims.opengeospatial.org/files/?artifact\\_id=308](http://nbims.opengeospatial.org/files/?artifact_id=308) .
      - For starter List/Template see:  
[http://nbims.opengeospatial.org/files/?artifact\\_id=306](http://nbims.opengeospatial.org/files/?artifact_id=306)
  - d. **New Powerpoint template**: See Generic BIM Implementation slide decks. [http://nbims.opengeospatial.org/files/?artifact\\_id=310](http://nbims.opengeospatial.org/files/?artifact_id=310)
2. Supporting External Viewers:
  - a. NBIMS presented to the **CURT BIM Workshop** September 13, 2006 in Ypsilanti, MI.
    - Owners represented by process industry users – Intel, DuPont, Fluor, GM & Disney (not-commercial). Very custom, proprietary solutions. Most presentation time was given to constructors and allied engineering.

## National Building Information Model Standards Project

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- Presentations were highly engineering oriented, represented proprietary solutions focused on design/construction phase activities.
- Interesting presentation by M/E/P service provider University Mechanical. Recreating 2D A/E CDs in 3D BIM for collision detection, pre-cut and manufactured assemblies installed in bulk onsite, models not used in operations.
- Announced new name for OAEC Productivity Committee is 3xPT (AGC, CURT, AIA) initiative.
- Announcement: [http://nbims.opengeospatial.org/files/?artifact\\_id=216](http://nbims.opengeospatial.org/files/?artifact_id=216)  
Agenda: [http://nbims.opengeospatial.org/files/?artifact\\_id=217](http://nbims.opengeospatial.org/files/?artifact_id=217)  
NBIMS Presentation: [http://nbims.opengeospatial.org/files/?artifact\\_id=282](http://nbims.opengeospatial.org/files/?artifact_id=282)

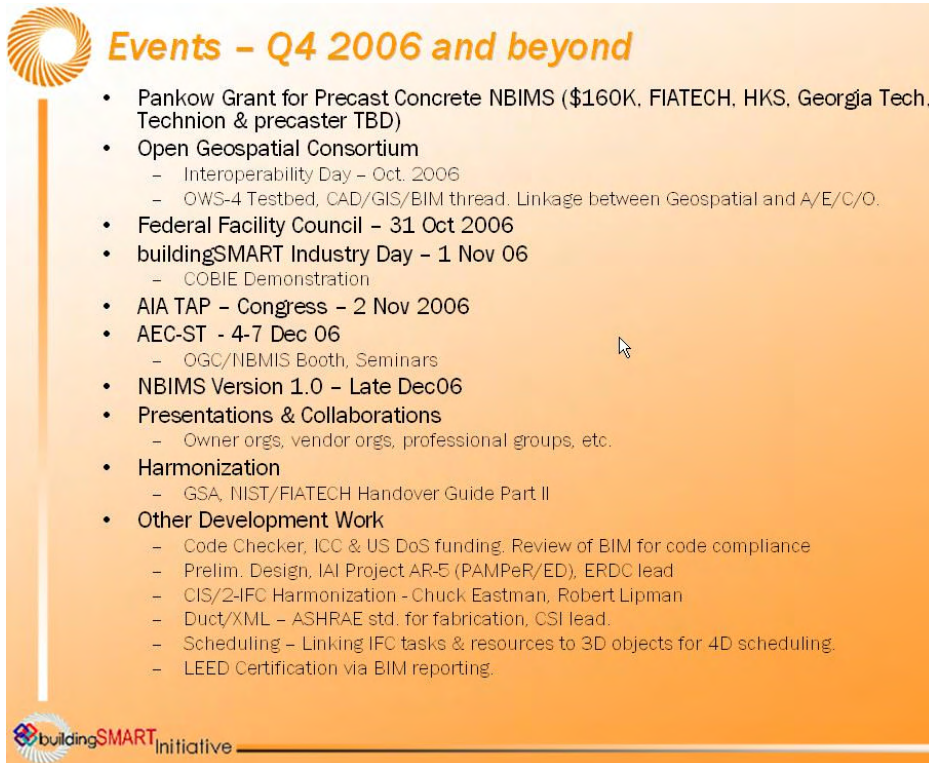
### b. Plans for **AEC-ST Booth**:

- Dates: Dec 6-7, 2006
- Paperwork has been submitted.
- Booth is 10' x10', OGC will provide the carpeted booth.
- Estimate 2 - **2'x3' posters**, 1-2 NBIMS handouts, 1-5 reprints from select Charter Member articles, CM handouts provided by CM.
- Camera-ready art for posters & NBIMS handouts due October 15 to Sam.
- OGC can provide graphic artist and production support.
- **NBIMS and OGC will staff booth** - quantity and schedule TBD.
- Alan to review exhibitor list for participating CMs in booths and in AEC-ST events. NBIMS/OGC may place plaques in CM booths directing people to NBIMS/OGC booth and vice versa.
- Visitors to booth should go away with sense that organization is real, active, soliciting participation, offering both immediate and long-term benefits. Booth can provide hub for related information/activity in the hall and in presentations.
- Subjects discussed for posters - Spatial perspective, Owner/Operator AECO perspective.
- Handouts discussed - NBIMS Overview, **NBIMS V.1 preview**, OGC OWS-4 overview.

### c. Plans for **Federal Facilities Council and IAI Industry Day**?


- d. ARE Helping **Indiana Indiana Construction Roundtable** (ICR) develop content and speakers for a meeting 3Nov06.

f. Summary of Coming Events:



**Events – Q4 2006 and beyond**

- Pankow Grant for Precast Concrete NBIMS (\$160K, FIATECH, HKS, Georgia Tech, Technion & precaster TBD)
- Open Geospatial Consortium
  - Interoperability Day – Oct. 2006
  - OWS-4 Testbed, CAD/GIS/BIM thread. Linkage between Geospatial and A/E/C/O.
- Federal Facility Council – 31 Oct 2006
- buildingSMART Industry Day – 1 Nov 06
  - COBIE Demonstration
- AIA TAP – Congress – 2 Nov 2006
- AEC-ST - 4-7 Dec 06
  - OGC/NBIMS Booth, Seminars
- NBIMS Version 1.0 – Late Dec06
- Presentations & Collaborations
  - Owner orgs, vendor orgs, professional groups, etc.
- Harmonization
  - GSA, NIST/FIATECH Handover Guide Part II
- Other Development Work
  - Code Checker, ICC & US DoS funding. Review of BIM for code compliance
  - Prelim. Design, IAI Project AR-5 (PAMPeR/ED), ERDC lead
  - CIS/2-IFC Harmonization - Chuck Eastman, Robert Lipman
  - Duct/XML – ASHRAE std. for fabrication, CSI lead.
  - Scheduling – Linking IFC tasks & resources to 3D objects for 4D scheduling.
  - LEED Certification via BIM reporting.

 buildingSMART Initiative

- Old Business –
  - Assignees for Task Team representatives on CTT.
  - Please put events on NBIMS Portal Calendar.
  - NBIMS is invited to dialogue with and participate in BuilConn ConnectivityWeek May 22-24 in Chicago (Rosemont Convention Center). Contact with Anto Budiardjo - President & CEO, Clasma Events Inc. has been forwarded to DKS for ExCom consideration.

3. Issues and Next Steps:

- a. Now that NBIMS scope, process and products are somewhat better defined, the Committee needs to actively pursue:
  - i. Near-term publishing opportunities describing and elaborating on these, their relative value to NBIMS and Community needs and potential value. Examples of ad-hoc use of BIM tools and techniques are beginning to emerge and results are very positive within the context of individual

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project requirements and individual team communications. The challenge for NBIMS will be to demonstrate how publishing national standards leverages many individual experiences and brings additional value through collective knowledge.

- ii. Contact with and co-promotional activities with NBIMS partners.
- iii. Continue to emphasize external publicity through listserv and new website pages. Individual NBIMS Committee members continue to have one-to-one conversations, attend meetings and make presentations to industry and professional groups as available. However, general knowledge and understanding concerning NBIMS standards and intentions does not seem to have progressed too far beyond the NBIMS Committee leadership and active participants.



Alan Edgar  
Chairman, NBIMS Communications Committee

## Indexing Version 1

To create the index for the entire Version 1.0 document we will use a Conformance List approach. In Word, the Conformance List is used to mark predetermined words or phrases and then compile the Index list. The preferred process is as follows:

1. Each Author will use a template to select words and/or phrases from their chapter/s they would like to mark for indexing. Also in the template, Authors will indicate what text to place in the Index for each item marked. Here's an example:

avoidance	avoidance
benefits	benefits
BIM	BIM (Building Information Model)
BIM Model	BIM (Building Information Model)
Building Information Model	BIM (Building Information Model)
Building lifecycle	Building lifecycle

The first column contains the text items selected from the chapter body. Every occurrence of each of these words/phrases will be marked for indexing. The second column contains the text that will appear in the Index along with the page number/s on which the item from column 1 appears. Thus, when the Conformance List is applied in this example an Index similar to the following might result.

avoidance 1, 4

benefits 2

BIM (Building Information Model) 3, 4, 7, 9, 15

Building lifecycle 5, 6

Note that BIM, BIM Model and Building Information Model will all be marked in the text but only BIM (Building Information Model) will appear in the Index with page numbers for each of these marked occurrences.

2. Once a chapter is complete, the Conformance List for that chapter will be merged into a master List. During the merge process I will manually remove duplicates and resolve inconsistencies. Any questions about how to resolve inconsistencies will be discussed with the associated authors.
3. After all chapters are complete and all Conformance Lists are merged, a single Conformance List will be applied to the entire Version 1 to create a single Index.

Text copied from body of document	Item to be created in Index
2D	2D
3D	3D
actors	actors
AIA	AIA (American Institute of Architects)
American Institute of Architects	AIA (American Institute of Architects)
ANSI	ANSI (American National Standards Institute)
application developers	application developers
avoidance	avoidance
benefits	benefits
BIM	BIM (Building Information Model)
BIM Model	BIM (Building Information Model)
Building Information Model	BIM (Building Information Model)
building lifecycle	building lifecycle
building supply chain	building supply chain
buildingSMART	buildingSMART
Business Process Model Notation	BPMN (Business Process Model Notation)
business transformation	business transformation
business view	business view
CAD	CAD (Computer-Aided Drafting)
capital facilities industry	Capital facilities industry
Charles Pankow Foundation	Charles Pankow Foundation
Charter	NBIMS Charter
COBIE	COBIE (Construction to Operations Building Information Exchange)
code checking	code checking
collaboration	collaboration
computer-based exchanges	computer-based exchanges
consensus	consensus
Construction Specification Institute	CSI (Construction Specifications Institute)
continuing education	continuing education
contributions	contributions
CSI	CSI (Construction Specifications Institute)
decommissioning	decommissioning
delay	delay
design/construction	design/construction
design/engineering	design/engineering
Development Committee	NBIMS Development Task Team
early design information	early design information
exchanges	exchanges

Executive Committee	NBIMS Executive Committee
facility information	facility information
Facility Information Council	FIC (Facility Information Council)
facility lifecycle	facility lifecycle
facility managers	facility managers
FIC	FIC (Facility Information Council)
funding	funding
GIS	GIS (Geographic Information Systems)
grants	grants
harmonization	harmonization
IAI	IAI (International Alliance for Interoperability)
IDM	IDM (Information Delivery Manual)
IFC	IFC
Industry Foundation Classes	Industry Foundation Classes
Information Delivery Manual	IDM (Information Delivery Manual)
eInformation exchange	eInformation exchange
information exchanges	information exchanges
in-kind support	in-kind support
International Alliance for Interoperability	IAI (International Alliance for Interoperability)
International Standards Organization	IAI (International Alliance for Interoperability)
interoperable	interoperable
ISO	ISO (International Standards Organization)
lifecycle	lifecycle
maturity model	maturity model
mitigation	mitigation
National Building Information Model Standard	NBIMS (National Building Information Model Standard)
National CAD Standards	NCS (National CAD Standard)
National Institute of Building Sciences	NIBS (National Institute of Building Sciences)
NBIM Standard	NBIMS (National Building Information Model Standard)
NBIMS	NBIMS (National Building Information Model Standard)
NBIMS Charter	NBIMS Charter
NBIMS Deliverable	NBIMS Deliverable
NBIMS Process Standards	NBIMS Process Standards
NBIMS Scope	NBIMS Scope
NCS	NCS (National CAD Standard)
NIBS	NIBS (National Institute of Building Sciences)
NIST	NIST (National Institute of Standards and Technology)
North American	North American
OGC	OGC (Open Geospatial Consortium)
Open Geospatial Consortium	OGC (Open Geospatial Consortium)

operations phases	operations phases
OWS-4	OWS-4 (Open Web Services)
phases	phases
pre-cast concrete	pre-cast concrete
preliminary design	preliminary design
proforma	proforma
project lifecycle	project lifecycle
publication	publication
real estate professionals	real estate professionals
real property professionals	real estate professionals
reasons for NBIMS Standards	Reasons for NBIMS Standards
roadmap	roadmap
sponsorship	sponsorship
stakeholders	stakeholders
standardization	standardization
testbed	testbed
Testing Committee	NBIMS Testing Task Team
United States	United States
vendors	vendors
virtual building models	virtual building models
virtual construction	virtual construction
virtual design	virtual design