2007-8-2, 3

3rd Asia Construction IT Round-Table Meeting, 2006-8-2, 3
Tokyo, Japan
"Draft" Meeting Minutes

1. Greeting from the Host

Prof. Shibasaki, chair of the meeting welcomed the participants, and gave a presentation of "Introduction; Collaboration of Asian Countries for Future Construction IT". And, Chair introduced "New web site on Asia Construction IT Round-Table Meeting".

http://www.jacic.or.jp/acut/index.html

Mr. Oishi, acting president of JACIC welcomed the participants.
Prof. Minagawa, chair of CCEIP, JSCE welcomed the participants.

2. Opening Plenary

All participants introduced them-self briefly.

2-1. Review of the previous meeting

Chair reviewed the previous meeting.

2-2. Adoption of Agenda

The agenda (as follows) was adopted by unanimous consent.

Agenda of "3rd Asia Construction IT Round-Table Meeting, 2006-8-2, 3"

Aug 2nd, Thu
 9:30-9:45   Welcome
   - President of JACIC
   - Chair of Construction IT Committee of JSCE
 9:45-10:00   Opening Plenary
   - Self-introduction of participants
   - Review of the previous meeting from Chair
   - Review and approval of agenda
   - Introduction of website for ACIT
10:00-12:30 National or Regional Report
   - Japan (Prof. Minagawa)
   - China (Prof. Ma, Mr.Hao)
   - Korea (Mr. Choi)
   - Hong-Kong (Prof.Heng Li)
   - Review of "Comparison Table"
12:30-13:30 Lunch at the same room *Need a photo before lunch
13:30-15:00 Review of Action Items
   - Asia construction IT "Data Book" 2006 (Mr. Kawanai)
   - Terminology WG (Prof. Terai , Prof. Kim)
15:00-15:30 Coffee Break

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Agenda of "3rd Asia Construction IT Round-Table Meeting, 2006-8-2, 3" (continue)

15:30-16:30 Report from the Host
  - Construction IT Committee of JSCE
    Cyber and Real Infrastructure Model (Prof. Yabuki)
  - JACIC
    Construction By-products Resource / Construction Rated Soil Information Systems
    (Mr. Akiyama)
    Action plan for standardization of construction information (Mr. Akiyama)
16:30-17:30 Other Report
  - LCDM Study in USA (Mr. Isobe)
  - Japanese activity in CEFACT (Mr. Yamashita)
17:30-   Welcome Reception in the Lounge (2nd Floor)

Aug 3rd, Fri
 9:30-12:00   Report about geospatial information
  - Geographical Survey Institute (Dr. Murakami)
  - Japan Railways (Mr. Kobayashi)
  - U-Position (Mr. Choi)
  - Geospatial Information of Hong Kong (Prof. Lin)
12:00-13:00 Lunch
13 :00-16 :00   New Items
  - KOCED (Prof. Jae Kwan KIM)
  - Ubiquitous Computing and Station Information (Dr.Ishikawa)
15:00-16:00 Closing Plenary
  - Agenda for the next meeting (date, place, host etc.)
  - New Item (ex. Sensor network, Ubiquitous, Product model)
  - Action items

3. **National or Regional Report**
   Prof. Minagawa gave a presentation of "Activity of Construction IT Committee of JSCE".
   Prof. Ma gave a presentation of "The Information of Chinese building industry: Current
   state of the art and challenges".
   Mr. Choi Won Sik gave a presentation of "Current Status and Progress of Construction
   CALS in Korea".
   Prof. Heng Li gave a presentation of "Construction IT in Hong-Kong Past, Present &
   Future".

4. **Review of Action Items**
   Action Items from the previous meeting were reviewed.

    "The comparison table" - **Annex B** were reviewed by all participants. All delegation
   should send additional information to secretariat as soon as possible.

   Mr. Kawanai explained about "Asia Construction Data Book 2006".
                                    --- http://www.jacic.or.jp/acit/databook05_e.html

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Prof. Li will update Hong-Kong part of the data book. And Mr. Kawanai will revise website design.

Prof. Terai gave a presentation of "Result summary of R&D on Terminology / ontology in Japanese CALS/EC project".
Prof. Kim Inhan gave a presentation of "Construction Terminology Dictionary and Language Independent Definitions" and "Architectural administrative information system based on e-drawing national standards".
Mr. Akiyama demonstrated Terminology work using JCCS Wiki.
Prof. Li will send information about "Code-Checking" terminology in Hong-Kong.
Mr. Akiyama will assign Terminology WG as third member. Prof. Li will recommend new member from Hong-Kong.

5. **Report from the Host**
Prof. Yabuki gave a presentation of "Activities in the Sub-Committee on Cyber and Real Infrastructure Model".
Mr. Akiyama gave a presentation of "Introduction of Construction By-Products Information System".
Mr. Akiyama gave a presentation of "Standardization Activity of JACIC in Construction IT Fields in Japan".
Mr. Akiyama will send a typical English file of "Action plan for standardization of construction information" to Prof. Kim.

6. **Other Report**
Mr. Isobe gave a presentation of "Life Cycle Data Management for Japanese construction field".
Mr. Yamashita gave a presentation of "eTendering International standards project".

7. **Report about geospatial information**
Dr. Murakami, Geographical Survey Institute gave a presentation of "New Legislation in Japan on NSDI+ Basic Law for the Advancement of Utilizing Geospatial Information".
Mr. Kobayashi, JR East Japan Consultants gave a presentation of"Railway GIS Google Earth & Railway - The Application of Google Earth in JR EAST -"
Prof. Lin gave a presentation of "IT and Geographic Information Developments in Hong Kong".

8. **New Items**
Prof. Jae Kwan Kim gave a presentation of "KOCED, a new Korean Collaborator or Virtual environment for sharing test facilities".
Dr. Ishikawa gave a presentation of "Ubiquitous Computing and Station Information"

9. **Closing Plenary**

9-1. Action Items
The actions from the previous meeting were reviewed. The action item 1 (as follows) was adopted by unanimous consent.

http://www.jacic.or.jp/acit/index.html

Action Items 1
- Revise "comparison table" ---**Annex B** contains old sets of "comparison table" in previous meeting.
  - Circulate it for feedbacks. **(All)**
- Edit "Asia Construction Data Book 2006"**(Chair / Secretariat)**
  - Send Hong-Kong part to the secretariat **(Prof. Li)**
  - Update own part **(All)**
- Collect and register terminology (and classification systems) **(China, Japan and Korea)**
  - To use JACIC Wiki System as a common platform.
  - Mr. Akiyama will operate the Wiki systems.
    -To support model integration
    -To support data discovery and mining
  - Prof. Terai, Prof. Kim, Mr. Akiyama, one from Prof.Li's lab will participate "Terminology WG".

9-2.New common topics

The new common topics were considered by the delegates and edited in real time by Chair. Shibasaki on the screen. The action item 2 (as follows) was adopted by unanimous consent.

Action Items 2
- Kick off Virtual construction team
  - Prof. Li and Prof. Yabuki, and Mr. Yamashita will lead WG.
  - To use teleconferencing system
  - To collect success stories, highlights.
    -Generic model for AEC: a basis of developing detailed ones.
    - Integration of heterogeneous models
    - Model registry
- Geospatial information
  - Recruit speakers in next meeting
  - To comparison of NSDI policy and Geospatial information market
  - To research technical aspects:
    -Integration of CAD and GIS
    -System level, data model level etc.
- "Collaboratory": Virtual environment for experiments.
  - To develop Data model (experiment data, analysis results, lineage etc.)
- Ubiquitous computing
  - Promoting any experiment in construction sites
  - To research technical aspects:
    Connecting virtual and real world

9-3.Outreach

The Outreach strategy were considered by the delegates and edited in real time by Chair. Shibasaki on the screen. Chair suggested introducing "4th Asia Construction IT Round-

Table Meeting" to **(Key-person)** at each meeting.

Outreach
- 12th ICCCBE Conference in Beijing, 2008 ---**(Prof. Ma)**
  - Conference : Oct. 15-17, 2008
  - 9 papers are needed for assign "Automation in construction session".
    -Abstruct :Aug 31, 2007, Full paper:Mar. 31, 2008
- Invite other industries(e.g. manufacturing) speaker.---**(Mr. Yamashita)**

9-4.Future Meetings
Currently scheduled meetings are as follows:
4rd Asia Construction IT Round-Table Meeting – Early Summer or Oct 2007 – Beijing (after ICCCBE)

Respectfully submitted,

ANNEX A to
3rd Asia Construction IT Round-Table Meeting Minutes
Participants & Delegates List
Tokyo, JAPAN

China
Ma Zhiliang   Department of Civil Engineering, Tsinghua University
Li HAO   Information Center, Ministry of Construction

Hong-Kong
Li HENG   Department of Building and Real Estate, The Hong Kong Polytechnic University

Lin HUI   Institute of Space and Earth Information Science, The Chinese University of Hong Kong

Japan
Ryosuke SHIBAZAKI   Center for Spatial Information Science, University of Tokyo
Masaru MINAGAWA   Chair, Committee on Civil Engineering Information Processing, Japan Society of Civil Engineers,
                           Department of Civil Engineering, Musashi Institute of Technology
Tatsunori SADA   Chief Secretary, Committee on Civil Engineering Information Processing, Japan Society of Civil Engineers,
                           Department of Transportation Engineering and Socio-Technology, Nihon University
Shigenori TANAKA   Faculty of Informatics, Kansai University
Nobuyoshi YABUKI   Department of Civil Engineering and Architecture, Muroran Institute of Technology
Tatsuo TERAI   Department of Architecture and Civil Engineering, Chiba Institute of Technology
Atsushi YAMADA   Director, Research Center for Advanced Information Technology, National Institute for Land and Infrastructure Management, MLIT
Fumihiko KANAZAWA Director, Information Technology Div., RCAIT, NILIM, MLIT
Hiroshi MURAKAMI   Chief, Planning Department, Geographical Survey Institute, MLIT
Mitsuaki KOBAYASHI JR East Japan Consultants
Toru ISHIKAWA   The University of Tokyo
Junichi YAMASHITA President, International Alliance for Interoperability Japan Association
Takeya ISOBE   General Secretary, LCDM Forum
Hisakazu OISHI   Acting President, Japan Construction Information Center
Minoru AKIYAMA   Director, Standardization Department, JACIC
Tetsuya IKEDA   Director, e-Delivery Office, CALS/EC Department, JACIC

Korea
Inhan KIM   Department of Architecture, Kyung-Hee University
Wonsik CHOI   Construction Information Research Department, Korea Institute of Construction Technology
Jae Kwan KIM   Seoul National University

Total 23

Observers 8
Seong-sig KIM   KICT, Korea
Hoi-Su YOON   KICT, Korea

Katsumi OYABU	Japan Water Agency
Koichi TSUKAHARA	Association of Precise Survey and Applied Technology
Ryoji IMAOKA	JACIC
Yoshio UMEHARA	JACIC
Yasunobu MAEDA	JACIC
Masaru KAIZU	JACIC

Staff 8

Ko UEYAMA	JSCE
Kakeru YAMAMOTO	JACIC
Yasushi KAWANAI	JACIC
Shigeo MURAI	JACIC
Nobuyuki SUZUKI	JACIC
Tuyoshi SUGIYAMA	JACIC
Yoshio KATSUBE	JACIC
Teruaki KAGEYAMA	JACIC

Press 1

KENTSU