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1st



JTC 1 Technology Watch Workshop

WRAP-UP CONCLUSIONS RECOMMENDATIONS

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TABLE OF CONTENT

- **JTC 1**
 - Findings
 - Recommendations
- **Mobility**
 - Findings
 - Recommendations
- **Multimedia**
 - Findings
 - Recommendations
- **Recommendations to JTC 1 on Technology Watch**

JTC 1

Findings

- A comprehensive inventory of ICT Fora is maintained by ETSI at <http://www.etsi.org/forawatch/home.htm>
- An inventory of metadata standards is available at <http://www.mapageweb.umontreal.ca/turner/meta/english/>

Recommendations

- **A JTC 1 Technology Watch Web site should be set up where pointers to pertinent Web resources**
- **SC are invited to validate the information posted on the Web site.**

MOBILITY

Findings

- **The global mobile computing market current size is presently around 30 G USD (<http://www.mcpc-jp.org/english/25.htm>) and expected to grow significantly (<http://www.mobileinfo.com/market.htm>).**
- **According to an expert that presented to the SWG:**
 - **Radio technology is on the verge of a revolution through the development of cognitive radios, systems on a chip and MEMS technology.**
 - **This will impact spectrum utilisation, regulation and management.**
 - **This will facilitate an acceleration of mobile computing and telecom market growth**
- **Key players in this area are telecom standardization organizations and OMA,...**

Recommendations

- **Ad Hoc to investigate further what is done in this area – and see where JTC 1 can contribute in this field, and report to JTC 1.**

MULTIMEDIA

Findings

■ Geospatial data:

- Technologies have wide range of applications
- ISO/TC211 very active in the area

■ The Intelligent document:

- Interrelated and complementary to other technologies
- Facilitated by other technologies

■ Content based image retrieval presentation:

- Encoding of images for both inputs and outputs formats is not suitable for image content extraction
- Need standards on image capture devices
- A ‘classification scheme’ standard for image content is need

Recommendations

- **Intelligent Document**
 - **Recommend that SC 28 contact SC17, SC27, SC29, SC31, SC32 and SC34 to explore this area and come with recommendations**

- **Content based image retrieval:**
 - **SC29 assess the work that was presented**

JTC 1 Technology Watch

Findings

- **Active participation from SC presently low**
- **Present Workshop Concept:**
 - **Has value to learn more about a technology topic**
 - **Would be much more valuable if SC representation was more exhaustive**

Recommendations

■ Tech Watch Activities:

- Should consider to cover remaining items of original 2002 report.

■ Tech Watch Membership:

- Need to encourage SC to appoints designates as members

■ Tech Watch Workshop:

- Theme of the next workshops should be decided at the next plenary. Contributions should be requested in advance of the next JTC 1 Berlin plenary.