

## **SEISA/IT-AP Summary Round Table 2001s**

### **November 9, 2001, Kathmandu, Nepal**

#### **1. Standard Development requires**

- ✓ Awareness, Will, Skill
- ✓ Organizational Framework
  - MCF/MITSC, NiDA/CITA, CAN/ITSC, ....
- ✓ Character Encoding Technology
  - Glyph/Code Separation: ISO/IEC TR 11017
  - Intelligent Rendering Technology
- ✓ Special difficulties in Asian Region
  - Huge Repertoire: 90% of 49,000 UCS characters
  - Complex Conjuncts
  - Small market

#### **2. What we have achieved and should be done**

##### **2.1 National Standards**

- ✓ Before 1993
  - JIS X 0208, GB 2312, KS X 1001, TIS 620, IS 13194, TCVN 5712
- ✓ 1993 – 1998
  - SLS 1134: 1996
  - BDS 1520: 1995
  - MS 1368:1994 (JAWI)
- ✓ Since SEISA started in 1998
  - TCVN 6909: 2000
  - BDS 1520: 2000
  - GB 13000 (GB 18030: 2000)

##### **2.2 International Standards**

- ✓ ISO/IEC 10646-1:2000 (=Unicode Version 3.0)
  - Official Language Scripts: Almost completed
  - Minority Language Scripts: Started or coming soon
- ✓ Asian participation to the process

- SEISA/IT-AP & MLIT Opened door
- Rules of the Community
- Reactions from International SDO: resolution n2404

### **3. National Standards vs Int'l Standard**

- ✓ Mirror copy is ideal
- ✓ Conflicts at home
- ✓ If not possible, then ?
  - Conversion might be one of solutions
- ✓ Definition based on UCS
  - Presentation form glyphs
  - Normalized sequence
- ✓ Unification issues
  - JAWI (Arabic)

### **4. Awareness & Preparedness to the activities of SDOs**

- ✓ Role of Regional Forum: SEISA, AFSIT, MLIT, etc.
- ✓ Government understanding/support still insufficient
- ✓ Insufficient resources to tackle this issue
- ✓ Gap of understanding still existing: Need to integrate voices of different segments of experts
- ✓ Still low awareness at home to this issue
  - CICC support (seminar for example) requested

### **5. Implementation & Integration**

- ✓ Windows, Uniscribe:
  - Slow process—frustration
  - Need to pin-point the issues & push international vendors (esp. MS) to implement the standards
- ✓ Local vendors: still not conforming, even diverting
  - Greater awareness needed for local industry
  - Technical assistance to local vendors
- ✓ Open source software
  - Common driver: Regional cooperation
  - CICC assistance in training requested



## 6. Promotion of Standards

- ✓ Government Use First: Vietnam, Sri Lanka,....
- ✓ Mandatory: GB 18030s
- ✓ Open Source S/W

Please fill up your column and return to CICC

### ANNEX Update of Status to ISO/IEC JTC1

Country	ISO	IEC	JTC1	SC2	SC2, WG2/3	SC22	SC34	SC36
Bangladesh	P (BSTI)							
Bhutan								
Cambodia	S (ISC)							
China	P (CSBTS)	Yes	P (CSBTS)	P (CSBTS)	WG2		P (CSBTS)	P (CSBTS)
Hong Kong	C(ITC HKSAR)		O(ITC HKSAR)	O(ITC HKSAR)				
India	P (BIS)	Yes	O(BIS)	P(BIS)				
Indonesia	P (BNS)	Yes	O(BSN)	O(BSN)				
Japan	P (JISC)	Yes	P (JISC)	P (JISC)	WG2/ WG3	P (JISC)	P (JISC)	P (JISC)
Korea	P (KATS)	Yes	P (KATS)	P (KATS)	WG2	P (KATS)	P (KATS)	P (KATS)
DPR Korea	P (CSK)		P (CSK)	P (CSK)				
Lao PDR								
Malaysia	P (DSM)	Yes	O(DSM)	O(DSM)				
Moldiv								
Mongolia	P (MNCSM)		O (MNCSM)	P (MNCSM)				
Myanmar								
Nepal	C (NBSM)							
Pakistan	P (PSI)	Yes						
Philippines	P(BPS)	Yes	O(BPS)					
Singapore	P (PSB)	Yes	O(PSB)	O(PSB)				
Sri Lanka	P (SCSI)							
Taiwan								
Thailand	P (TISI)	Yes	O(TISI)	P(TISI)				
Vietnam	P (TCVN)		O (TCVN)	O (TCVN)				

P - Participate Member  
O - Observer Member  
C - Correspondence Member  
S - Subscriber Member

End