ISO/IEC JTC1/SC2/WG2/IRG

Ideographic Rapporteur Group (IRG)

Source: Macao Special Administrative Region (MSAR), China

Meeting: The 52nd IRG Meeting in HKSAR, China

Title: **Activity Report of Macao SAR**

Status: Member Submission

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1. With the upcoming Smart City and Smart Governance development in Macao SAR, the Unification framework of Chinese Characters Encoding for Information Systems, which is established by Macao SAR Government with the assistance of Hong Kong Polytechnic University, is the data exchange encoding standard among the Government Departments in Macao, to facilitate effective data exchange and communication.

2. The Unification framework includes "Macao Supplementary Character Set" (MSCS), which is a supplementary of Big-5 and HKSCS. We have announced the Unification framework to all Departments, and are now working on the implementation issues of the standard. We are making fonts of the MSCS characters, discussing with major IT vendors to support the standard. Departments are verifying their mapping tables for data conversion. We are also setting up a web platform for internal Workgroup and the public use.

3. Once the MSCS fonts are available, we will submit the information to IRG for horizontal and vertical extension, and to Unicode for Ideographic Variation Sequences (IVS) registration.

4. With the implementation of the Unification framework in Macao SAR, we will surely participate more in the work of IRG and Unicode in the future, to adopt the MSCS characters in the ISO/IEC 10646 and Unicode standard.   Here, we greatly appreciate the support of all IRG members and the Unicode Consortium.

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