

WG2, Working Group 2
SC2, Sub-Committee 2
JTC1, Joint Technical Committee 1
IEC, International Electrotechnical Commission
ISO, International Organization of Standardization

Attn: Mr. Michael Y. Ksar, Convenor
Submitted by: Mr. Gary Twu, Chairman of TCA Standardization Committee
Date: Oct. 28, 1993

SUB: TCA application for Liaison Membership of Working Group 2, ISO-IEC
JTC1/SC2/WG2

I. Preface:

TCA (Taipei Computer Association) present this letter to Working Group 2, ISO-IEC JTC1/SC2/WG2, to apply for the liaison membership of ISO subordinate organization. Since 1991, TCA has been attending the meeting of CJK-JRG for the research and discussion in reference with the setup of ISO 10646. Before that time, TCA had been constantly playing a active role in the international research and discussion with the organizations of China, Hong Kong, Japan, Korea and other ideographic countries with regard to the issues of Han Character Set (HCS) for long time. TCA envision itself to continuously devote to the subsequent research and discussion of ISO 10646 by the application of ISO-IEC JTC1/SC2/WG2 liaison membership.

II. TCA (Taipei Computer Associate) Introduction:

1. **History:** TCA was founded 1974 by around 30 of Taiwan's leading computer companies at that time. Since then, membership has increased by leaps and bounds, reaching 5,000 members in 1993.
2. **Objectives:** TCA aims to help members increase their exports, facilitate relevant technology transfer, import scarce materials and resources, and create a better industrial and business environment in Taiwan. Directly or indirectly, these objectives are reflected in its various activities which are both beneficial to its members and to other computer industry participants who pursue business activities with, or in Taiwan.
3. **Mission:**
 - Participate in industry policy planning, formation, and promotion.
 - Create a healthy industry environment and market.
 - Coordinate allocation/distribution and integration of industry resources.
 - Strengthen services to members, promote industry harmony and prosperity.
 - Enhance international image and participate in international activities.

4. Organization:

Member Council

- ◆ Standing Committee (Managing Supervisor)
- ◆ Board of Directors (Managing Directors)
 - Member Activities Committee
 - Exhibitions Committee
 - International Cooperation Committee
 - Intellectual Property Rights Protection Committee
 - Information Technology Advancement Committee
 - Standardization Committee
 - Mainland China Affairs Committee
 - Industry Policy Committee
 - Social Service Committee
 - Public Relations Committee
 - Public Relations Committee
 - Federations / Consortiums
 - TCA workforce

Please find the enclosed attachment for the further information of TCA.

III. The international cooperation of TCA in regard to Han Character Unification before CJK-JRG

- Reflect the world wide situation of Chinese character usage.
- Join to work out the draft of Han Character Set (HCS) which integrate the Japanese, Korean, new and old Chinese ideographic characters.
- Negotiate with Unicode for the technology of Han Character Set.
- Proceed to the study of Han Character identification.
- Explain the necessity and advantage of HCS to the organization which countries fully or partially use Chinese ideographic characters.
- Join to edit HCS code table for the plane 48 of UCS (Universal Character Set) group 32.
- Join to include the national standard of China (P.R.C.) GB, Japan JIS, Korea KSC and Taiwanese national standard, CNS 11643 of R.O.C., into HCS.
- Join to institute the ordering of HCS.
- Hold and attend many meetings with the organizations of ideographic countries and others, including China (P.R.C.), Hong Kong, Singapore, Japan, Korea, USA and European countries.

IV. The past participation of TCA in CJK-JRG (China, Japan, Korea Join Research Group)

- Join to proceed the edition of Basic Multilingual Plane (BMP) code table upon referring to the HCS.
- Join the Editorial Subcommittee of CJK-JRG to edit and check the coding work of unified CJK (China, Korea, Japan) ideographic characters repertoire.
- Join to build up the guideline of unified CJK ideographic characters identification.
- Join to revise and maintain the unified CJK ideographic characters repertoire for the need of ideographic countries and areas.
- Join to build up the standard layout of unified CJK ideographic character repertoire by integrating the national standard of ideographic countries and cooperating with AFII (Association for Font Information Interchange).
- Propose to institute the extension of unified CJK ideographic repertoire for the need of Taiwan (R.O.C.) and other ideographic countries.
- Attending all the meetings of CJK JRG and plan to hold the meeting in future.

V. The anticipated dedication of TCA to ISO-IEC JTC1/SC2/WG2/IRG in future

We hereby accede to follow and execute the below actions and guidelines to be responsible liaison member of ISO-IEC JTC1/SC2/WG2.

- Continuously participate the edition of ISO 10646.
- Constantly join to revise and maintain the unified CJK ideographic character repertoire (ISO 10646) according to our knowledge and understanding of ancient and current Chinese characters.
- Join to research and institute the further extension of unified CJK ideographic character repertoire (ISO 10646) from the view of all Asian ideographic countries satisfaction.
- Furthermore join to work on the identification of unified CJK ideographic character according to our research and understanding of Han character involvement and application in Asian territories.
- Continuously join to take part in the ordering work of unified CJK ideographic characters in ISO 10646.

- Participate to build up the standard font layout of unified CJK ideographic character in ISO 10646.
- Provide the national standard of Taiwan R.O.C., CNS 11643 for the editing reference of ISO 10646.
- Assistant to coordinate and influence the other parties including Unicode consortium for the world-wide popularity and utilization of ISO 10646.
- Promote the application of ISO 10646 and therefore establish ISO 10646 as the international-recognized IT industrial standard by integrating and educating the prominent computer industry of Taiwan.
- Attend the all future meeting of ISO-IEC JTC1/SC2/WG2/IRG (or CJK JRG).
- Strive for holding the official meeting of CJK JRG (or ISO-IEC JTC1/SC2/WG2/IRG) in Taiwan.
- Put the most efforts to comply with and implement the all resolutions concluded by ISO-IEC JTC1/SC2/WG2/IRG.

VI. TCA application

Please your honor take the consideration of our early participation and contribution with regard to the setup of unified CJK ideographic character set, and our sincere intention and dedication to the future development of ISO 10646 in the manner that hope to work out the most acceptable and reasonable standard of Han character together with other Asian ideographic countries. Your grant and approval for our application of ISO-IEC JTC1/SC2/WG2 liaison membership is truly requested herewith. Sincerely looking forward to receiving your positive response as soon as possible.

The Driving Force - TAIPEI COMPUTER ASSOCIATION

Taipei Computer Association (TCA) is an organization of over 5,000 computer companies with offices in Taipei. Most of these companies are engaged in relevant computer businesses and have their branch offices and/or manufacturing facilities located in suburbs outside Taipei.

Vision

TCA envisions itself as becoming a worldwide business organization, the driving force of Taiwan IT industry.

Objectives:

TCA aims to help members increase their exports, facilitate relevant technology transfer, import scarce materials and resources, and create a better industrial and business environment in Taiwan.

Directly or indirectly, these objectives are reflected in its various activities which are both beneficial to

its members and to other computer industry participants who pursue business activities with, or in Taiwan.

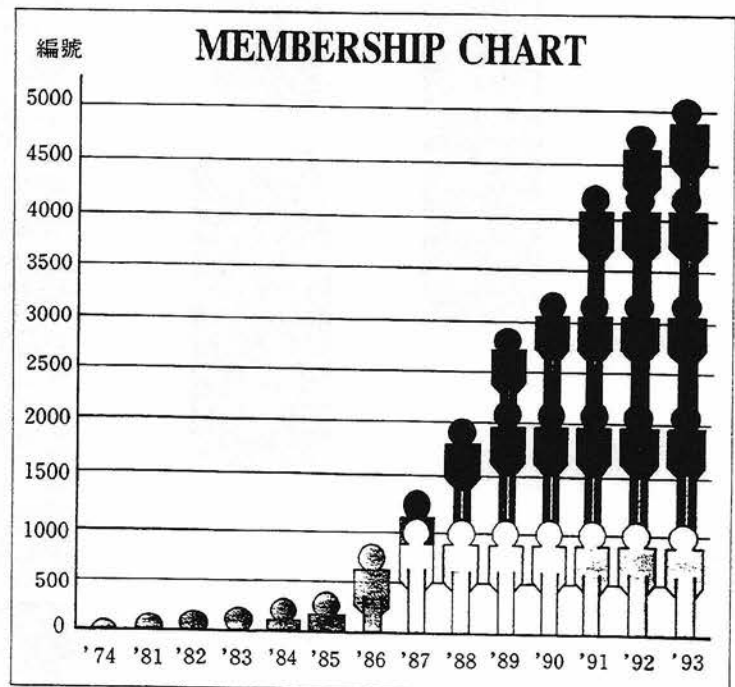
Mission:

- * Participate in industry policy planning, formation, and promotion
- * Create a healthy industry environment and market
- * Coordinate allocation/distribution and integration of industry resources
- * Strengthen services to members; promote industry harmony and prosperity
- * Enhance international image and participate in international activities

In spite of different objectives for its numerous activities, TCA's overall mission is very simple. That is, seeing its role as a bridge between buyers assisting in the promotion of industrial development and economic well-being. TCA serves as the gateway to the extensive opportunities in Taiwan.

Outstanding Growth - MEMBERSHIP

TCA was founded 1974 by around 30 of Taiwan's leading computer companies at that time. Since then, membership has increased by leaps and bounds, reaching 4,000 in June 1991, and now breaking the record to reach over 5,000 members in 1993. The scope of organizational activities has also increased considerably and various committees were set up to take charge of implementation.



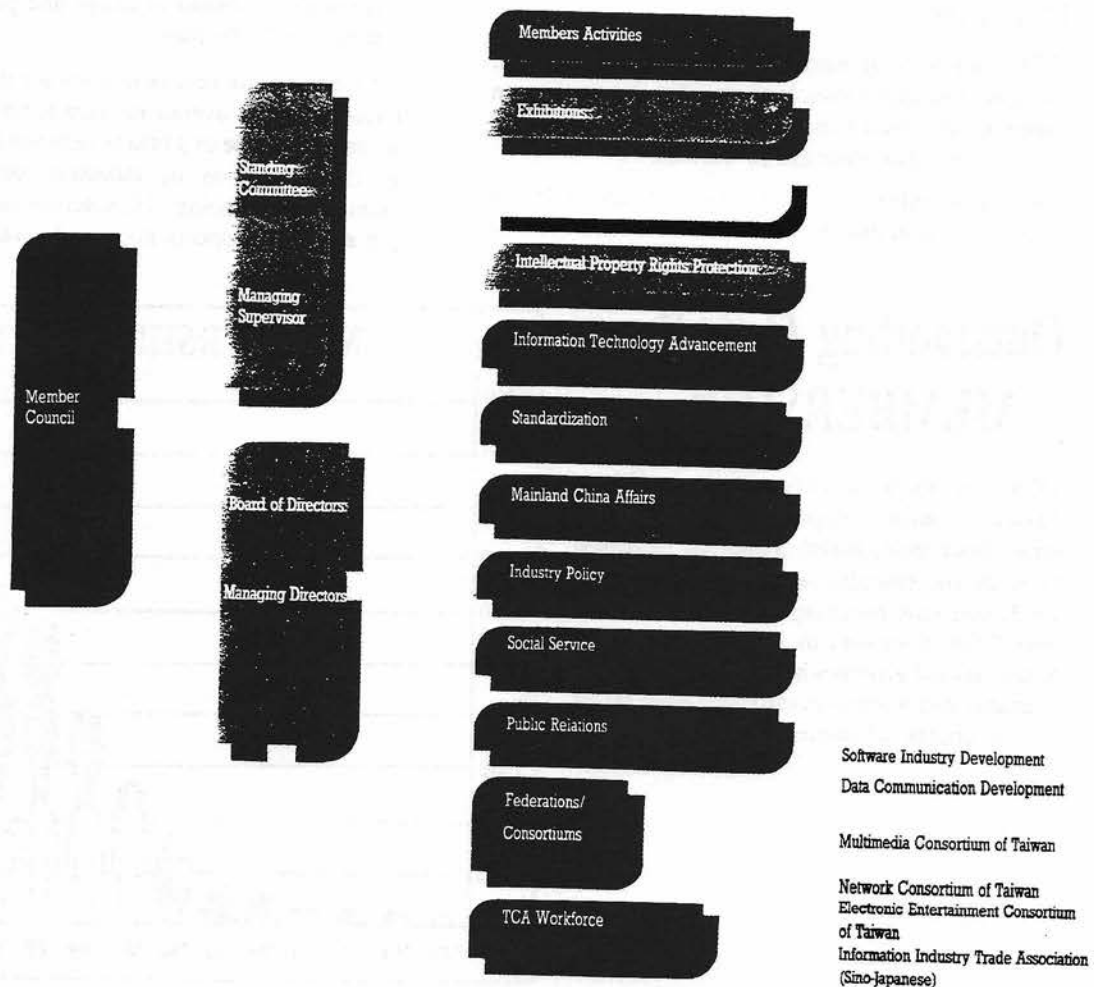
Key Players- MANAGEMENT

TCA's over 5,000 members include the largest and most successful computer firms in Taiwan. Current Chairman, Mr. C. S. Ho, is the President of Mitac Inc., one of the prominent leaders in the computer industry. Past TCA Chairmen include Mr. Tao Hung-Chieh, Mr. Jackson Lin, and Mr. Stan Shih.

TCA's Chairman and eight Managing Directors are elected by a 27-member Board of Directors. The 27-member Board is elected by the entire TCA

members, who likewise elect a 9-member Standing Committee. The Committee, responsible for supervising the actions of the Directors, elects a Managing Supervisor to serve as Committee Chairman.

Besides TCA's organization and various committees, it also have different consortiums/affiliations organized along product lines where valuable information, market tips, distinct industry development, as well as product strategies are discussed and shared during meetings.



Prominent Advocates - TCA WORKFORCE

The significant growth in membership prompted TCA to expand its workforce. From a group of less than twenty staff in mid-80's, TCA now comprise around 50 personnels administered in different departments to meet the increasing needs and

demands of its members in the dynamic IT industry.

TCA workforce is headed by TCA Secretary General Mr. Enoch Du, which is directly under the supervision of TCA Chairman Mr. C. S. Ho.

Chairman

**Secretary
General**

Membership

Takes charge in processing new members application and the issuance of certificates, maintaining members database, and preparing various meetings such as: standing committee meetings, directors meeting, and general assembly.

Administration

Manages administration activities including personnel, business & finance, purchasing, functions & receptions, etc.

Initiates promotion activities through international cooperation, and exhibitions delegation.

Industry Service

Cooperates and works with government agencies and institutes. On some government projects. Also provides industry information to members and assists the formation of consortiums/ federations.

Publishing

Circulates TCA publications such as the TCA Newsletter (monthly), TCA IT Journal (quarterly issue), Computer Suppliers Magazine, TCA Directory, TCA Brochure, et. al.

Computer Room

Manages the association's MIS, maintains members' database, provides information on government bidding opportunities to TCA members, etc.

Legal/Secretariat

The Legal Division assists members in their legal activities by providing significant information, consultancy, seminars, etc.

The Secretariat is responsible for attending to the needs and activities of the Secretary General, correspondences, gathering information, and maintaining the library.

Ambassador of Taiwan IT Industry - INTERNATIONAL COOPERATION

One of TCA's most important activities is to regularly act as a trade representative on behalf of Taiwan's information industry. TCA bridges the gap as it opens the door to establish stronger trade relationships with other countries. Special trips, mission groups, and delegations are arranged for members to visit different countries and regions to improve industry ties with foreign government and official agencies, increase mutual understanding of different markets and technology, and promote Made-in-Taiwan products in international trade exhibitions.

TCA's ICC team (International Cooperation Committee) serves foreign trade inquirers by providing manufacturers' direct contact information (on specified products), and assists them in arranging company visits (upon request). Seminars are also arranged to provide platforms for product presentations or investment opportunities. Cooperation with exhibition promotion agencies are likewise common with ICC as this gives TCA members a chance to display and promote Taiwan's leading IT products in international exhibitions. Researchers from around the world are not deprived of ICC services as TCA provides them with valuable industry information which are helpful for their studies. Foreign and local press are also among ICC's customers. Whether "bits & pieces" or some "front-pagers", TCA makes effort in accommodating their interviews. ICC also represents TCA and its members in international activities to enhance relationship with international affiliations & associations. TCA is among the founder and active members of the Southeast Asia Information Technology Organization (SITO), another non-profit and non-political organization devoted to the promotion and development of information technology within the Southeast Asian region.

INTERNATIONAL COOPERATION COMMITTEE ICC STRUCTURE

SECRETARIAT

COMMITTEE
DIRECTOR

PACIFIC

EEC AND
WESTERN EUROPE

RUSSIA AND
EASTERN EUROPE

NORTH AND
SOUTH AMERICA

OTHER REGIONS

Operation Breakthrough - ACTIVITIES

MEMBERS SERVICE

* Exhibitions

TCA organizes a number of exhibitions annually, namely: SOFTEX Taipei Software Show (April), COMPUTEX Taipei International Computer Show (June), TICA Show - Taipei Computer Applications Show (August), Electronic Entertainment Show, Taipei TELECOM - International Telecommunications Show (bi-annual).

* Members Activities

TCA outlines a number of activities to promote camaraderie among its members. Whether in sports, charity projects, or environmental concern, TCA members are always enthusiastic to support the activities. Such occasions provide a forum for establishing closer relationships, exchanging business information, discussing common issues, as well as enjoying themselves.

INTERNATIONAL

* International Cooperation

TCA's International Cooperation Committee (ICC) acts as an ambassador of Taiwan's information industry. Its various activities and services makes it an integral part of TCA's organization - bridging the gap and serving the needs of both local (members) and foreign (buyers) customers. Services are provided to foreign trade inquirers, investment and promotion agencies, researchers, press, etc., and works out plans for possible business cooperations.

INDUSTRY ENVIRONMENT

* Intellectual Property Rights Protection

In the effort to enhance the awareness and protection of intellectual property rights, TCA joined hands with some government agencies and private associations to form the IPR and Patent/Trademark Committees, and work closely with the government to improve Taiwan's

IPR laws - its amendment and development. TCA has also been responsible in helping the government write key legislations and lobbying to increase protection of both software and hardware ownership rights from infringement.

TCA organizes seminars, anti-counterfeiting campaigns, publications, etc., to educate the public on industrial property right concepts. TCA intends to develop an appreciation for the intellectual property in the next generation that school children are also among the target audience of these activities.

To further the protection of industrial property and to adhere to the inspection system initiated by the government, most IT companies are employing the services of lawyers to handle legal matters. TCA's legal division provides consultancy services and assistance to members regarding legal queries, represents members in conferring with patent owners regarding royalties, and works to resolve patent and copyright infringement disputes among members.

* Information Technology Advancement

TCA has a special team who works closely with research institutions in bring about the latest R&D in computer technology advancements through organized seminars. This interaction provides a platform for computer companies to express their needs in any particular field for future researches, as well as a forum for these institutes to provide recent researches and technology transfer to the business sector. Recent activities have focused on multimedia and video communication, which are among the upcoming star in the computer industry.

* Standardization

To avoid the overlap expense and efforts in R&D activities and other quests, standardization is a vital factor in the process. TCA formed the Standardization Committee to look after this matter.

One of the main concerns of the committee is the facilitation of effective communication and data interchange through the standardization of Chinese

characters and internal codes in the electronic data interchange (EDI). The committee joins the "computer field working group" meetings held by the International Standardization Organization (ISO) to discuss international standardization plans.

ISO-10646 is among the highlights of these efforts, where Chinese characters are applicable to the representation, transmission, interchange, processing, storage, input and presentation of the written form of the languages of the world as well as additional symbols. TCA is also a member of the China-Japan-Korea Joint Research Group (CJK-JRG), attending meetings regarding the further standardization of more Chinese characters.

*** Software Industry Development**

TCA's Software Industry Development Committee was formed to assist members in their software marketing efforts by providing a wide range of information. Scope of which include government, foreign, market, technology, software product marketing, supply/demand information, etc., as well as future trends of the software industry. The committee also supports software companies in the pursuit of a fair competition by refraining price wars.

*** Data Communication Development**

For the purpose of enhancing the integration of computer & communication (C&C) in business, the Data Communication Development Committee was formed. The committee represents members in voicing proposals on government's data communications policies. It also represents members in international data communications conferences. The committee is likewise responsible in organizing the Taipei Telecom - International Telecommunication Show. Other activities include discussion meetings and information exchange in education, technology, manufacturing, sales, etc.

*** Multimedia Consortium of Taiwan (MCT)**

MCT is a non-profit group responsible for the introduction of a new and developing industry - the multimedia. A subsidiary of TCA, MCT was established to form a group capable of delivering the new technologies in Taiwan-made multimedia products to a global market. Its functions are to research, develop, implement and release multimedia technology to Taiwan product manufacturers.

MCT objectives include: integrating the computer, consumer, and communication industries to effectively develop new technologies, products and applications; interacting with the government and persuade official leaders to financially support research organizations in the development of key technologies and components; establishing local standards for the Taiwan multimedia industry; and promoting Taiwan's multimedia industry on a global scale. Achieving these goals are made possible through the support and cooperation of its member firms, TCA, MIC/III, CCL/ITRI etc, and other various organizations.

MCT activities include setting standards and specifications, establishing databases, developing titles and directing research in multimedia technologies. Major activities are categorized into areas where committee members can pool resources and capabilities to produce desired results as: linking with overseas organizations for information exchange; researches; trainings through seminars, working sessions, conferences; and promotion in both local and foreign markets.

*** Network Consortium of Taiwan (NCT)**

NCT is a group of network companies with a common intention of organizing the network industry in order to support (and strengthen) Taiwan government's policies. Seminars and technical discussions are organized to establish positive working arrangement between members. Areas of concentration cover technological development and critical international issues such as intellectual property rights.

NCT's chief goals cover five major areas which affect the network industry in Taiwan, enabling the consortium to achieve both strength and financial stability. NCT aims at promoting Made-in-Taiwan products (manufacturers only); establishing a good working environment for Taiwan network firms; soliciting and pooling government resources to aid in the advancement of network products and services; soliciting technological information for a possible involvement of NCT in technology transfer arrangements; and promoting the use of LAN in Taiwan.

*** Electronic Entertainment Consortium of Taiwan**

The Electronic Entertainment Consortium of Taiwan was formed to assist members in their quest for integrating hardware & software game design and providing a platform to compete internationally in the

manufacture of game and CAI products — with special focus of striking a possible business cooperation with Japan's prominent game software companies.

PUBLIC RELATIONS

*** Public Relations**

TCA's Public Relation Committee is responsible for coordinating public relation activities and enhance TCA's public image. The committee works closely with government agencies, industry players, education experts, media people, and other foreign and local organizations to communicate, negotiate, and cooperate in important activities for mutual benefit.

*** Social Service**

TCA, as a business organization, is concerned with both business activities and society, thus, the formation of the Social Service Committee. TCA sees the importance of social service as an essential part of business as its success depends on society support.

Aimed at repaying the favors of society, TCA members display high-spirit-support to TCA's social service activities. Such activities include: care for the orphans, providing computer trainings to handicaps, support and concern for abused children, relief to disaster-stricken areas in Mainland China, etc.

INDUSTRY POLICY

*** Mainland China Trade Affairs**

To improve communication and business environment between Taiwan and Mainland China, the Mainland China Trade Affairs Committee was established to assist members in their pursuit of taking part in the business opportunities that now abounds Mainland China. The committee provides assistance to members who are interested in doing business with Mainland China and organizes activities as: seminars, discussion meetings, exhibition delegations, etc.

GET INVOLVED NOW:

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