



THE HONG KONG INSTITUTE OF
SURVEYORS

22nd October, 2001

BY FAX & POST

#45 3886 0252

Mr. Markku Villikka
Director
FIG Office
Lindevangs Allé
DK-2000 Frederiksberg
Denmark

Dear Markku

Nomination for the FIG Vice President

I refer to your letter of 7 September 2001 and have the pleasure to nominate Mr. T N Wong, Past President of HKIS in 1997/98 and current Chairman of our International Committee as a candidate for the FIG Vice President for the term of 1st January 2003 to 31st December 2006.

The HKIS is prepared to assist Mr. T N Wong in his work as Vice President and the curriculum vitae of Mr. Wong is enclosed herewith for your further action.

Yours sincerely

Stephen Liu
President

Encl.

c.c. Mr. T N Wong

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香港測量師學會

BIOGRAPHY

22nd October, 2001

Name: Wong, Thien-Nyen (T. N. Wong)
Birth date: ,7 August 1944
Sex: Male
Marital Status: Married to Madam Soo, Pak-Mee with two daughters Wing-nga (born 14.9.1973) and Wing-lam (born 10.11.1975)

Education

1967-1971 Technical College, Kuala Lumpur; Diploma in Land Surveying.
1976-1979 University of East London; B.Sc.(Hons) Land Surveying Sciences.

Career & Experience

01/1967-04/1971 Embarked on a surveying career as a **Survey Assistant in Lands and Surveys Dept. Sabah Government** under the supervision of **Mr. Arthur H. Kinkade**, a New Zealand surveyor, in carrying out cadastral survey, photogrammetric control survey and geodetic survey. Obtained a scholarship to attend a Diploma Course in Land Surveying Science in Technical College. KL.

04/1971-1972 After graduation I returned to Lands and Surveys Dept. Sabah to work as an **Assistant District Surveyor** in Tawau, Sabah assisting District Surveyor, **Mr. Henry H L Kong**, an Australian trained surveyor, in supervising field survey parties and their work including field inspections; carrying out cadastral surveys, vetting and commenting on subdivision plans; checking survey field observations, field books and survey plans submitted by Licensed Surveyors; charting survey lots onto standard sheets and documentation. I also assisted Sabah State Town Planner **Mr. John Barret**, on Town and Country Planning matters. **Mr. John Barret** is presently the President of New Zealand Institute of Surveyors Hong Kong Branch.

In November 1972 I met Mr. Arthur H. Kinkade again in Hong Kong and through him I was granted an interview with **Mr. Kieth B. Gordon**, a **New Zealand Land Surveyor** working in Maunsell Consultant Asia Ltd. I was offered a post of **Survey Officer (Engineering)** in Route 4 (Lung Cheung Road) Projects carrying out survey check on setting out by the contractors in civil engineering works, establishing geodetic control traverses to maintain consistency and accuracy in the works and adjacent or future works. I enjoyed my works and had good working relation with Engineers and Inspectors. It was a good teamwork.

From **September 1976** I furthered my study in the **University of East London (formerly known as North East London Polytechnic)** and by **July 1979** earned my **B. Sc. (Hons) Degree in Land surveying Sciences.**

- 07/1979 I returned to Hong Kong and worked in Gammon Leighton Joint Venture in Discovery Bay Development as a site surveyor.
- 01/1980-04/1981 I rejoined Maunsell Consultant Asia Ltd in Tai Po/Fanling New Town assisting Mr. Ian Smith, a New Zealand surveyor who now works in Auckland.
- 1981-1982 **First Surveyor** with China Light and Power Co., Ltd. carrying out profiling survey for transmission lines and topographic survey, setting out and boundary survey of substations.
- 1982-1985 **Chief Technical Officer held against Land Surveyor post** with Maunsell Consultants Asia Ltd. on Shatin and Ma On Shan New Town Development. I earned my RICS in November 1984 and in 1985 I was later promoted to Resident Land Surveyor.
- 1985-1993 **Resident Land Surveyor** with Maunsell Consultants Asia Ltd. H.K. Projects: Shatin and Ma On Shan, Tai Po, Fanling and Tsung Kwan O New Town Development working with 250 site staff. During my tenure in New Town Development projects I was responsible for the planning and supervision of surveying staff providing surveying and technical services to the development. These include carrying out record survey, marine survey for large reclamation, production of maps, establishment of rigorous geodetic control survey for the setting out and checking of dual lane carriageway with slip roads, grade-separated interchanges, underpasses, flyovers and elevated super-structures, bore piling works, subways, trunk sewers, box culverts, seawalls and geotechnical works, site measurement and computation of large earthwork quantity. Apart from supervising the works and provide training for the SO(Eng.) I was responsible for the day to day administration and operation of TO (Civil) in the documentation, registration and up-dating drawings and the preparation of as-built drawings. My responsibility and duty also extended to the planning, feasibility study, introduction, implementation and supervision of the computer assisted plotting facility, the Intergraph Surveying System, which catered for computing all earthwork measurement and all survey plotting and the production of initial, monthly interim and final record survey maps inclusive of cross-sections.
- 1993 -1996 **Airport Core Program Projects: West Kowloon Expressways N & S Sections** (contract sum was HKD2500 millions) with **Maunsell as Resident Senior Land Surveyor**. Assisted by a Resident Land Surveyor, four SSO (Eng.) and four SO (Eng.) and seven TO (Civil); and working with a team 80 Resident Site Staff consisting of expatriates and local Professional Engineers, Quantity Surveyors, Senior Inspectors and other site staff, I was charged with the responsibility and duty of ensuring that every work was correctly and properly positioned, constructed and installed to the designed lines and levels. These include grade-separated interchanges, grade-separated MTRC tunnels, slip roads, underpasses, 21 cast-in-situ and balanced cantilever (segmental) construction of complex elevated super-structural carriageway and other associated civil works.

- 1996-2001 **Central Wan Chai Trunk Sewers** with **Maunsell** working as a **Resident Land Surveyor** on the 5.3km long and -13m deep trenchless 2.5m diameter trunk sewer pipe line originating from Kennedy Town and extending through and underneath Connaught Road to reach the new Pumping Station at Wan Chai. The tunneling works went through and underneath some of the busiest roads and the most expansive high rise office, commercial and hotel buildings in Central. Also it had to avoid and clear of all the underground utilities. This 5.3km long and 2.5m diameter trunk sewer connects to two large pumping stations with secant bore pile wall support. The wall of each pumping station is supported by about 90 numbers of secant bore piles each with an average depth of 40m.
- 2001-present **T7 Trunk Road in Ma On Shan** with **Maunsell** working as a **Senior Resident Land Surveyor** on a HKD1360 million project of 3.5 km trunk road consisting of 6 bridges, two viaducts three footbridges, two curved tunnels passing through bedrock, extensive earthworks and a good network of drainages and retaining walls etc. The project starts from Hang On Estate and extends along the foothill of Ma On Shan to Symphony Bay. The coordination and liaison within the group of engineers, surveyors and inspectors of works demand not only expert technical know how but also good human skill and relationship. This is very much teamwork. A Reference GPS station and four RTK GPS units together with the latest surveying instrumentations for tunneling are used for the control surveying as well as setting out survey in this project.

Professional Awards

- 1980 Member of Institution of Surveyors, Australia
 1984 Professional Associate of Royal Institution of Chartered Surveyors, U.K.
 1985 Member of Hong Kong Institute of Land Surveyors.
 1985 Member of Institution of Surveyors, Malaysia
 1985 Member of Hong Kong Institute of Surveyors
 1991 Fellow of Hong Kong Institute of Surveyors.
 1993 Fellow of Royal Institution of Chartered Surveyors, U. K.

Honours

- 1987-1988 President of Hong Kong Institute of Land Surveyors. (Realizing the needs and importance of a single strong surveying institution I initiated the amalgamation of HK Institue of Land Surveyors with HK Institute of Surveyors). The two institutions merged on November 1989.
 1992-1994 Chairman of Land Surveying Division, HKIS. Elected to serve 3 consecutive terms of office.
 1995-1996 Junior Vice President of Hong Kong Institute of Surveyors.
 1996-1997 Senior Vice President of Hong Kong Institute of Surveyors.
 1997-1998 President of Hong Kong Institute of Surveyors.
 1998-present Chairman of International Committee, HKIS. Elected to serve 2 consecutive terms of office.
 1999-07/2001 Founding President of HK Society of Photogrammetry and Remote Sensing

- 01/1999-11/2000 Chairman of the Organizing Committee of The 3rd Across the Strait Geomatics Conference between Mainland China, Taiwan, Hong Kong and Macau.
- 11/1999-present Chairman of the Organizing Committee of the 7th South East Asian Survey Congress scheduled 3 - 7 November 2003 in Hong Kong.
- 10/2001 Appointed Chairman of Organizing Committee of FIG Working Week 2007 in Hong Kong.

Extra Curriculum

- 07/1988 Led 21 delegates to 3rd South East Asian Survey Congress in Bali,
- 06/1991 Led 22 delegates to 4th South East Asian Survey Congress, KL.
- 1991-1996 Education Advisory Committee Member of Polytechnic University. H.K.
- 1992/1996 Led 39 professional surveyors on official visit to Wu Han University of Technology and Surveying, China.
- 1995 Organized HKIS' Presidential Visit to Institution of Singapore Surveyors and Valuers and Institution of Surveyors, Malaysia.
- 1996-present Member of Professional Services Advisory Committee of HK Trade Development Council.
- 1996-1997 Chairman, Surveyors Registration Board
- 1997-1999 Member of Tourism Development Steering Committee, HKTA.
- 07/1998 Led 3 Office Bearers and 6 delegates to 20th General Assembly of The Federation of International Surveyors (FIG), Brighton. At the same occasion led 3 Office Bearers and held an important meeting at institutional level with The President of RICS, Mr. Richard Lay and his team of Officers in formulating the RICS-HKIS Cooperation Agreement between the two surveying institutions. The RICS-HKIS Cooperation Agreement was finalized and signed in Hong Kong by Mr. Richard Lay and me on the 30th November 1998.
- 11/1999 Led 10 delegates to 6th South East Asian Surveyors Congress, Perth, Australia and had successfully secured the bid to host the 7th South East Asian Surveyors Congress in November 2003 in HK expecting about 700 delegates from 30 countries will come to Hong Kong in 2003.
- 1999 Hong Kong Tourist Association's Award of Convention Ambassador.
- 05/2001 Representing HKIS in attending FIG Working Week and President's Meeting in Seoul, Korea.

Contact

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