

TERRY D. KELLY AM
15.4.1945 - 22.12.2001

2 August, 2002

Terry was borne in Melbourne, 15 April 1945. After completing an Engineering degree at RMIT he formed a small company called KEL Quarries in Melbourne.

Terry Kelly's first defence-related business activity occurred in 1978 when he formed KEL Communications to begin marketing an industrialised version of the Australian-manufactured Air-to-Ground RAAF hand-held radio. (The yellow brick)

In late 1978 he then negotiated to acquire the Intellectual Property for an 'Ionosonde' from the Australian Ionospheric Prediction Service and formed KEL Aerospace for this task. This led to the production of the IPS-42 Ionosonde, one of the most successful ionosondes produced; it was sold to approximately 21 countries and 55 were sold around the world.

By the late 1980's his small team of engineers and technicians at KEL Aerospace had manufactured and exported an improved version of the Ionosonde to almost 28 countries worldwide, winning national, state and individual Export Awards. In 1993 the latest in the IPS-series of Ionosondes, the IPS-71 Advanced Digital Ionosonde, including Doppler acquisition, was produced.

Simultaneously, Terry invested in Research & Development, to design a state-of-the-art Ionosonde, along with Over The Horizon Radar Receivers and other modules that were developed by KEL Aerospace in cooperation with DSTO.

In S.E. Asia Terry worked closely with DSTO assisting in the establishment and maintenance of international technical & scientific relations in Indonesia and the Philippines through the installation and support of real-time ionospheric monitoring systems.

Terry travelled widely as an adviser to government and industry delegations, and their effectiveness would have been greatly enhanced by his deep knowledge of the various regions and the trust he had built up with key persons through his personal integrity. Terry Kelly was a Founding Member of the COSTAI Committee (Collaboration in Science & Technology between Australia & Indonesia) in 1991.

Terry always gave tireless and unselfish service to Australian Defence.

In his spare time Terry Kelly was the National President of the Australian Industry Defence Network (AIDN) which was nominated in the 1998 Defence & Industry Strategic Policy Statement as ***"the focal point for Defence's interaction with Australia's dynamic base of smaller defence companies"***.

Terry was awarded an Order of Australia in June 2001 "For service to the development of export market opportunities through support for Australian Small and Medium Enterprises in the international science and technology sector".

Terry presented a paper titled "SOME INITIAL RESULTS WITH A NEW ADVANCED DIGITAL IONOSONDE" at the XXIVth General Assembly of the International Union of Radio Science in Japan, 1993.

Other scientific presentations that Terry gave included:

1984 'THE NEED FOR REAL-TIME REMOTE CONTROL OF VERTICAL INCIDENCE IONOGRAMS' to Solar Terrestrial Predictions Workshop, Meudon France.

1992 'NOWCASTING' FOR HF IN AUSTRALIA' to the Australian Defence Force Frequency Management Seminar

1997 'BENCHMARKING HF DIGITAL DATA COMMUNICATIONS WITH OBLIQUE IONOSONDES' CEWIT 97 Seminar Jakarta Indonesia

Terry was diagnosed with Mesothelioma in April 2001. He is survived by his wife and four children.