

PERSONAL PROFILE – DR R.M.LOUGH, AM

Dr Roger Lough, AM is an independent consultant and company director specialising in technologies for defence. His career has spanned 44 years in Defence, culminating in his appointment as Chief Defence Scientist in 2003. He retired from the public service in 2008.

Born in the UK, Roger Lough joined the then Dept of Supply in 1963 and studied at Adelaide University where he obtained a PhD in Physical Chemistry in 1974, winning the prize for the best thesis in the physical sciences for that year.

Dr Lough undertook research in tactical rocket propulsion at the Dept's Salisbury (SA) labs until 1976 when he gained a Harkness Fellowship to study and work in rocket propulsion with the US Army and the US Navy. On his return, he lead a section concerned with formulating and demonstrating advanced weapon concepts. From late 1983 to early 1987, Roger Lough was posted to the Australian Embassy in the US as the Defence Science Attache with responsibility for liaison across a wide spectrum of R&D in the US and Canada which included technology transfer issues and joint projects.

Dr Lough was appointed Superintendent (later Chief) of the Salisbury (SA) based Guided Weapons Division of DSTO in 1987. Over the next 13 years he lead several DSTO divisions in Melbourne and Adelaide, mostly specialising in systems and operational research for the ADF.

Dr Lough moved to Canberra in 2000 to take up the position of First Assistant Secretary, Science Policy. As FASSP he was responsible for the formulation of Science and Technology policy for DSTO and the ADF, oversight of DSTO's external interactions and program management procedures and implementation.

Dr Lough moved the Melbourne- based Aeronautical and Maritime Laboratory (AMRL) (later Platforms Sciences Laboratory (PSL)) in early 2002. In Sept 2003 he was appointed Chief Defence Scientist and CEO of the Defence Science and Technology Organisation. As CDS he managed a staff of over 2400 and a budget approaching \$500m. The DSTO is Australia's second largest R&D organisation and is responsible for providing science and technology advice and assistance to Defence. Many of its innovations are in service with the ADF.

Roger Lough is a Fellow of the Australian Academy of Technological Sciences and Engineering, a graduate member of the Australian Institute of Company Directors. He is Deputy Chairman of the Defence materials technology Centre and a member of the Victorian Defence Industry Advisory Council. He has also served on the Prime Ministers Science Engineering and Innovation Council and the National Critical Research Infrastructure committee. He was made a Member of the Order of Australia in June 2009.

He is married to Diana and they have three children. His major recreational activity is golf which he plays enthusiastically rather than well.