

RAA LIAISON LETTER

2003

AUTUMN EDITION



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RAA LIAISON LETTER

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- 48th Field Battery
- 131st Surveillance and Target Acquisition Battery
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- Miscellaneous Individual Gunner Officers/Warrant Officers and SNCO

EDITORS COMMENT

Many thanks to everyone who responded to my request for support to this edition of the Liaison Letter. Whilst the primary reason for the early edition is to provide information from DOCM-A, SCMA and to profile key Gunner Operational and Regimental appointments, all submissions received are most appreciated.

The second edition of the Liaison Letter for this year will be published in time for distribution at the Regimental Conference to be held in late October. To start potential contributors thinking I will be seeking annual updates from all Regiments and Independent Batteries. It should be noted that there will be no time allocated at the Regimental Conference for these to be delivered. I would also appreciate submissions from DOCM-A, SCMA, DGLD, LWDC and CADDs.

I welcome letters to the editor and / or articles on any Gunner related subject be it current or historical from anyone either serving or retired. I stress this is a publication for all Gunners consequently I encourage state, unit and sub-unit associations to use it as a forum for communication and ask that I be provided with current contact details for publication.

Finally, I not only encourage but implore individuals and units to utilise the Liaison Letter as a forum to publish professional papers and associated articles such as book reviews.

I look forward to receiving a deluge of submissions and information for the next issue to be published in October. The deadline for submissions for the next edition is the end of September 2003. I will circulate an outline of the proposed content (sections and general topics) of the next issue by the end of July to selected contributors.



D.T. (Terry) BRENNAN
Major
Editor

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Retired Gunners who would like to receive future copies of the RAA Liaison Letter should contact the editor by email (at the above address) or write c/- 'Stratford' BLACKALL, QLD 4472 with their mailing details.

VALE

Major General R.S. Buchan AO

*Provided by
Major General J.P. Stevens AO
Representative Colonel Commandant*

I have been advised through the Office of the Chief of Army that Major General Ross Buchan died at 1000 hours this morning (7th February 2003). The sympathy of the Regiment is extended to his wife Carole, his daughter Nikki and her children, and his daughter Samantha and her husband.

Major General Ross Buchan entered RMC Duntroon in 1954, and graduated into the Royal Australian Artillery in December 1957. His service with the Gunners included postings with 1 Field Regiment in 1959, 101 Field Battery in Singapore 1959-1961, Adjutant 3 Field Regiment 1961-63, Adjutant 1 Field Regiment 1964, a Senior Instructor at the School of Artillery in 1967, Commanding Officer 1 Field Regiment in 1973, and Staff Officer Grade One Operations Headquarters RAA 1st Division in 1974. Ross saw operational service with AATTV in SVN in 1966/67.

Non-Corps postings included service with 13 National Service Training Battalion on graduation, as a staff officer on Headquarters 1st Division and in Canberra, and an exchange posting to Training and Doctrine Command in the USA. Ross was Commandant 1 RTB, and later served as a Director General in DOD. His last appointment was as GOC Training Command between 1987 and 1991.

On leaving the Service, Ross retired to Valla on the mid north coast of NSW. From late 1991 to 1994 he was a Services member of the Veterans' Review Board.

Major General Ross Buchan was well known throughout the Gunner community, and will be sadly missed.

Ubique

The funeral of Major General Ross Stuart Buchan, AO was held with full military honours, at the ANZAC Memorial Chapel of St Paul at the Royal Military College, Duntroon, on Thursday 13 February.

*Eulogy delivered by
Lieutenant Colonel Owen O'Brien (Retd)*

Ross Buchan will be remembered as a devoted family man, a valued friend, an excellent commander, and a fine soldier.

Many of us here met him 49 years ago when he entered this college as a cadet, quite unaware (like most of us) of what the army was like or even if it was a good idea to join it. It was a good idea because he served it well and it rewarded him for his talents.

One of our classmates was John Rowe, who introduced Ross to his sister with, I understand, some misgivings about allowing her to associate with his licentious friends. However, the relationship with Carole Rowe blossomed into betrothal on graduation day in 1957 and then an admirable marriage that blessed them both for over 40 years.

He became an artillery officer, for reasons that are difficult to understand because he was good enough for the infantry, but he distinguished himself as an excellent gunner. He thought that the infantry were undignified. And he told me later that he chose artillery because, in those days, gunner officers in the field travelled in vehicles whilst lesser mortals like me had to walk.

He served in several junior appointments and then embarked for operational service in Malaya, and Carole joined him there soon after. His competence as a rugby player in those days did his career no harm, nor did his ability to tell a good story [provided that his superiors didn't hear the stories he told about them].

After more Regimental service in Australia he went to South Vietnam as a major with the Australian Army Training Team, to a demanding task in the northern region of the country. He was mentioned-in-dispatches for meritorious service and awarded a high vietnamese decoration.

Whilst in Vietnam he was visited by our Army's Chief of the General Staff, Sir Thomas Daly - a general who held Ross in high regard. Ross's task was to escort Sir Thomas around the area, and the general asked to visit one Warrant Officer "Shaky" Gabriel whom he had known from the Korean War. So Ross organised a visit by helicopter and they flew to a pre-arranged landing zone on a hill which was to be secured by friendly troops. But there was nobody at the landing zone!

Ross discovered by radio that Gabriel's battalion was engaged in a fierce fire fight at the bottom of the hill, but General Daly insisted on landing anyway. The helicopter pilot was not at all enthusiastic but he landed the aircraft, gave Ross a radio and said "Call me when you need me, but I'm out of here!" So in a dangerous, unsecured clearing were a general, a major, and the general's military aide. Armed with pistols!

And lest anybody think that pistols were sufficient armament, let me tell you that Ross said of pistols that "in a crowded elevator, there is no finer weapon".

Soon Warrant Officer Gabriel scrambled up the hill to join them, and in the laconic fashion of an Australian sergeant major said to the general "Sir, would you like to see the battle?"

So they all went to the edge of the escarpment to view the fire fight. Ross thought the situation was rather like 19th century British generals standing on a hill, sipping gin &

tonic whilst watching the sepoys engage the natives. But they were in view of the enemy and there was much shot and shell about.

And Ross became, understandably, quite nervous. He feared that they might all be shot. Then he thought that, even worse, he could be shot and an elderly general would have to fight for survival with a pistol. And then, with a flash of startling insight, he realized that the very worst thing that could happen would be if the general were to be shot and he, Ross, were to survive. In that case he, Ross, would never, ever be promoted! They eventually got out of there but Ross later said that it was the defining moment of his career!

He came home in 1967 and his career flourished. He commanded 1st Field Regiment and served in staff appointments including with the United States Army at its Training and Doctrine Command in Virginia. He commanded, as a colonel, the Recruit Training Battalion at Kapooka. His skills in training led to appointments as Director of Training Operations and Director of Training Plans at Army Headquarters.

Then followed promotion to brigadier and, in 1983, the role of Director-General, Service Personnel Policy. This was a challenging posting that brought him to the attention of senior officers who were impressed by his skills. He said that one of his greatest successes there was to advance the cause of women's career prospects in the defence force in a way that satisfied conservative bureaucrats and liberal feminists - such an achievement requires a special talent!

Then for 4 years as a major general he commanded the Army's Training Command in Sydney - with considerable flair and distinction, resulting in his being appointed Officer of the Order of Australia in 1989.

During 1988 in his training command role he was of great help to me when, as a civilian, I was managing for the army a very large bicentennial event. He (and indeed many others who are here present) ensured that I had the strong support of the military hierarchy despite determined and continuing obstruction from some governmental bureaucrats.

In fact, he helped to solve a problem we had with manufacture of copies of ancient buttons for uniforms depicting Regiments of the 19th century. The best available material for such button fabrication was the dental amalgam used for tooth fillings. Ross personally arranged that all the Army's trainee dental technicians were directed to make hundreds of buttons and were well supplied with amalgam. Indeed, it's rumoured that they used up the Army's entire supply of amalgam - plus its war reserves. Had the Army gone into battle in 1988 we'd have had significant casualties due to tooth decay and Ross could have been court-martialled!

So his was a highly successful military career, as was his later life as a training consultant, veterans' review board member, and macadamia farmer. He was successful because he was determined and competent, considerate of others, always approachable to his subordinates and fiercely loyal to his superiors and to his soldiers.

His views on some issues were conservative - somewhat to the right of Attila the Hun - but he was a thoughtful soldier and a progressive commander. Many of the jokes and anecdotes he told will be remembered for years.

As will he. By his family and friends, by his colleagues and compatriots, by all of us here, and by many others besides. He enriched many lives and we are honoured to have

known him. He was one of the staunchest friends, and one of the finest men, that I have ever known.

When Peter and I farewelled him last week, he wished me good luck (which was his style) and said: "have a good party" (which was also his style). We gripped hands and I said, quite unrehearsed, some words that seemed appropriate then and, perhaps, seem appropriate now.

I said: "*Ross, it's been a great forty-nine years. Thank you for being my friend.*"
"*Goodbye*"

*Eulogy delivered by
Brigadier Peter Badman LVO (Retd)*

During the last few months I have become aware of the extraordinarily large number of friends that Ross Buchan had. The memories and anecdotes about him I have heard are too numerous for me to recount and today I can only try to share with you some of my own recollections of a friend of 49 years whom I will dearly miss. I hope you will recognise in them the generous and warm hearted man that we all knew.

Ross was born at Victoria Park in Perth in October 1935, the eldest child of Stuart and Beryl Buchan and brother of Heather, several years his junior. The Buchan family lived on the Swan River at Rivervale and it was here, where canoeing and fishing lay at the bottom of the garden, that his life-long interest in the outdoor life, and particularly matters aquatic, began. Cub and boy-scout hikes and camps reinforced his love of the outdoors and encouraged his confidence and self reliance. He attended Rivervale State School and later Wesley College where he was a school cadet and learned to play a cunning game of rugby in the pigs. His cousin Richard Eastaugh was his regular companion in those days and in later years, after Ross retired, he and Richard were to spend many happy hours together on some of Richard's many yacht voyages around the Australian coast.

I met him at Duntroon in January 1954, the first Westralian I knew. He was a year older than me, which means a lot when you're seventeen, and had seen the big world. Between school and RMC he had managed to work on a cray-fish boat, sell paper bags and do something down a coal mine at Collie. He didn't know it at the time but the mine manager Herbert Rowe was the uncle of his future wife. He talked of strange places and things such as Rottnest Island, Quokkas and The Doctor and, to be honest, we city slickers from the East thought he was a bit of a 'rube' at first. But we soon discovered that he had talents which made him a valuable friend.

First, he could cut hair. He said he learned the skill on the cray boat and I can believe it. But with artistic guidance from John Rowe, who was rather proud of his flowing locks, and with practice on the rest of us, he achieved a tolerable standard. He was cheaper than the barber and it was a win-win deal because, at 14 shillings a week, 4th Class at Duntroon was not a high cash flow situation. It seems hard to believe but none of us had thought to ask about the pay before we signed up. This was our first glimpse

of Ross's entrepreneurial talents which were to show up in his farming ventures later in life.

His second talent was as a born forager and a good cook (well anyway, he liked to cook). We raided local orchards in the dead of night, gathered mushrooms under the pretext of cross country running, shot rabbits at Lake George and generally pillaged and poached the surrounding countryside for anything edible to supplement the meagre army rations. This healthy hunger endured and was a driving force behind the huge singed hogget and fish barbeques which we were to enjoy at Buchans' Sutton and Valla farms in later years.

Ross was not one to let good food go to waste. At Sutton one year he slaughtered Blacky the steer but the butcher who was to carve him up won the lottery and lost interest. Undeterred, Cas produced her Good Housekeeping book which had a picture of a beast with dotted lines showing the cuts and Ross went to work with various implements (including, it was suggested, a chain saw). However there were no dotted lines on Blacky and the results were mixed. I recall a memorable banquet featuring Baron of Blacky which might justifiably have been better called Blacky's Revenge.

During the four years at Duntroon those of us who started out in the Kokoda Company dormitory became a close-knit group. RMC was our portal into manhood and we have been bonded by it for life. We competed at everything and constantly tried to one-up one another. At the same time we worked hard together, played rugby together, chased girls together, got drunk together and had many laughs together. In the matter of chasing girls, Ross and Cas met in Ross's second year at RMC and were married in mid 1959. Owen O'Brien was his best man and I, being cavalry, was his groomsman. I guess we did a good job because he booked us for this return performance.

For the next 17 years Ross and I followed one another's careers from afar until in late 1976 Mary and I found ourselves on the same 'plane (and indeed the same seats) as Ross and Cas flying from Fiji to Sydney. We resumed our interrupted friendship as Young Turk lieutenant colonels in Canberra. Mary and I got to know Nicky and Sam and Mary and Cas became the close friends that they remain today. From that time we were in constant contact. We went to the marriages of one another's children, we played tennis, water-skied, picnicked, fished and generally enjoyed life together in Canberra, Wagga, Lake Burrinjuck, Watson's Bay, Narooma and many other places.

When Ross retired from the Army in 1991 he threw himself into building the home at Valla and into the business of Macadamia nut farming. The skills he had learned as a boy helped him on the land. There was not much that he was afraid to tackle with his hands and he quickly turned his farm into a show place. He was also a founding member of the local Macadamia Nut Cooperative and brought his considerable organisational skills and a great deal of practical commonsense to bear as one of its early directors.

In retirement we shared holidays, boated and fished. Ross and I continued our friendly competition and although we landed our first marlin together, I have to admit that he was the better fisherman. On the odd occasion when my fish was bigger than his he would hold his closer to the camera so that it looked bigger. Although the one-upmanship got gentler as the years went by I could seldom take a trick.

He was physically courageous and did his best to convince me that we were invincible. Putting to sea with him and Jim Garland at Valla was an interesting experience. We launched his boat across the beach and two of us would hold it in the surf while Ross parked the truck, embarked and started the motor. At some point in the sea state known only to Ross he would shout and we would tumble into the back of the boat over the thrashing prop as he gunned the boat over the breakers and between the rocks. It was like being in a tin can in a washing machine. All I could do was roll around in the bottom with the knives and fishing gear until we reached the calmer water outside. I didn't want to look anyway. I tried to get my revenge crossing the bar at Narooma, but he never turned a hair.

Ross was among the most fortunate of men in having Carol as his wife. They have loved and supported one another for over forty years, living in happiness and harmony through interesting times. Like many Service wives she has had to be super efficient in putting the tent up and down and keeping the saddle bags full through innumerable moves, and holding the family together as Nicky and Sam have grown up. Wherever they went she has made a marvellously warm and friendly home where many visitors have come and gone enjoying the grace of her hospitality. Many of us have watched and admired the fortitude and courage with which Cas and Ross have faced the ordeal of the last six months and their example will give us strength should we need it in the future.

Ross was indecently proud of his daughters and his good-looking grandchildren Emilie, Jonno and Claudia. He never missed an opportunity to acquaint us with their every exploit and we always enjoyed the manner of the telling for although he was prone to hyperbole when telling many of his robust stories we all knew that, like us, he never exaggerated where his children and grandchildren were concerned. The latter appear to have the same wicked sense of humour as their beloved 'Grumps' and I suspect that in recent years they were the source of most of his jokes. You should remember, Emilie, Jonno, Claudia, that you gave him an enormous amount of pleasure.

Ross Buchan was a larger than life character and I could go on and on, but there has to be an end. He was part of the fabric of all our lives and we are all the poorer for his passing. Our hearts go out to Cas and Heather, Nicky and Sam, and Emilie, Jonno and Claudia. Be proud in your grief for he was a happy, strong and honest man who was successful at everything he did. I never knew him to do a petty act nor to avoid a difficult decision. Above all he was generous of spirit, recognising the worth in people and giving them due credit and reward. This is why he was a leader among men.

He has lived his life well and we can only weep for it being done too soon.

Farewell dear old comrade.

Editors Note:

The editor would like to thank Mrs C. Buchan for allowing the eulogies delivered by Lieutenant Colonel O'Brien and Brigadier Badman to be published.

Brigadier J.H. Studdert AO, OBE (RL)

Received from Martin Suddert

It is my unhappy duty to inform former colleagues and friends of my father, Brigadier John (Jack) Studdert, of his death Tuesday 18th February in the Canberra Hospital. Dad had been in poor health since a major heart attack that he suffered in December last year. Dad is survived by Mavis, his wife of 51 years, his children David, Martin and Feona, their partners Valerie, Helena and Steve and by Dad's grandchildren Nicholas and Hannah. A proud gunner and a man of honour, he served his country in war and in peace. Dad was extremely touched by the number of ex-gunners and colleagues generally who provided words of comfort and support following his heart attack. When things slow down a little, I will reply to each on his behalf.

*Provided by
Colonel A.R. Burke
Colonel Commandant Northern Region*

Brigadier Studdert raised the modern 4th Field Regiment RAA at Wacol, Brisbane on 4th May 1960 and commanded it till January 1963. This was not only a great honour and challenge, but allowed John Studdert to breathe his personality and experience into the fledgling unit. He successfully guided and moulded the many dispirit elements of the new 4th into a well-oiled and operationally effective unit in addition to dispatching one battery to Malaysia in 1961. There are legendary tales from that time of his dressing in overalls and checking the underside and oil levels of vehicles, of his 'Regimental' tyre pressure gauge and of the Commanding Officers vehicle at the side of the road where John ran his stopwatch over passing convoys.

Lieutenant Studdert graduated from the Royal Military College, Duntroon in 1943 and saw AIF service with 2nd/6th Field Regiment (JD), 2nd Australian Mountain Battery and, following the Japanese surrender, with 'A' Field Battery in Japan. Other highlights of his career included instructional postings at the School of Artillery and RMC, Commandant of the National Service Officer Training Unit at Scheyville and in Materiel Branch at Army Office from which he retired as the Deputy Chief of Materiel in 1978. His formal training included Staff College in Canada and a Technical Staff Course in the UK.

John Studdert was both a role model and a friend of mine. His policies and attitude within the Army Materiel world inspired my five-year management of the 105 mm Hamel Gun manufacturing project. After interviewing him at his property outside Goulburn, NSW in 1996 for a history of the 4th Field Artillery, we found an affinity of thoughts and attitudes and he became a good sounding board for my research on RAA historical aspects of the 1960s.

Vale John Hancock Studdert, officer, gentleman and Gunner of distinction.

*Letter of condolence from
Brigadier V.H. Williams CSC to Mrs M. Studdert*

I write to express my sympathy on the death of your husband, Brigadier J.H. Studdert AO, OBE (RL). Martin encapsulated perfectly the essence of the Brigadier when he described him as "A proud Gunner and a man of honour who served his country well in peace and war".

May I also take this opportunity to express the condolences of all members of the Royal Regiment of Australian Artillery who are acutely aware of the loss of one of their senior members. I pray that the peace of the Lord is with you in your time of grief.

Yours solemnly

Response from Martin Studdert

I wanted to thank all those of who sent messages of sympathy to me and to my mum Mavis and to my Dad following his heart attack and subsequently following his death.

I cannot tell you how overwhelmed we were with the volume of messages. Dad was overjoyed (and you all know that didn't happen very often!!). It was such a support to Dad and to the whole family and you all have my eternal gratitude for your thoughtfulness.

Dad died relatively peacefully on the 18th (Feb) and we buried him yesterday (24 Feb) at Goulburn NSW. I think the service went very well and I'm sure he would have been happy with the outcome. The representation of Gunner and non-gunner mates was fantastic. Couple of Generals (Whitelaw and Engels), a bunch of Brigadiers and lots of we lesser lights!!! Very touching and all up a good farewell.

My thanks to all who were able to attend - particularly for the formal representatives of the RAA, Colonel Steve Goltz, Commander Land Command Artillery and his Master Gunner WO1 Callaghan and to the RSM 4th Field Regiment and Major Stuart Kenny. Their presence was really appreciated by the family.

Dad was proud to be a Gunner and for good reason. The camaraderie that the Gunners have shown in this and other recent losses is something that you should be proud of and for which my family are very grateful. Of course we heard from plenty of non-gunners also and my thanks are equally offered to you. My special thanks to Arthur Burke for being the hub of the information sharing.

Let me sign off on behalf of my Dad,

Ubique

Lieutenant Colonel G.W. Tippetts

*provided by
Major General J.P. Stevens AO
Representative Colonel Commandant*

It is with sadness that I advise of the death of Graham Tippetts aged 47 years. Graham will be known from his Regimental service and service in the materiel and other staff areas. Graham died on 10 November 2002 of a brain tumour. A funeral service was held on 12 November.

Ubique

*Article written by
Lieutenant Colonel Dale Cooper
and published in Army Edition 1067
Dated 13 February 2003*

Always a Gentleman Who Lived Humbly

Lieutenant Colonel Graham Tippetts passed away at the Duntroon Military Hospital on November 9 last year after the sudden relapse of a previously treated but aggressive brain tumour. Graham served in the Royal Australian Artillery for 28 years and is survived by his wife Pat and son Edward. A funeral service was held in Canberra on November 11.

After graduating from the Officer Cadet School in 1975, Graham served in a variety of units including 8th /12th Medium Regiment, 4th Field Regiment, 1st Battalion Royal Australian Regiment, 1st Recruit Training Battalion, 1st Field Regiment and 5th/11th Field Regiment before beginning a series of staff postings in Canberra.

Graham will be remembered as one of nature's perfect gentlemen. He was always kind and courteous, and exemplified a life of honest, hard working toil. The hallmark of his life was simple, even humble living, unadorned by the materiel possessions that are attractive to so many of us.

Graham always showed a genuine and deep interest for others and was always on hand to help a friend in need - nothing was too much trouble.

Recently, when asked about his own dire illness, his answer would be circumspect before turning to what for him were more important matters - the health and wellbeing of those in his company.

His last and possibly most challenging posting was as the Project Director for the Headquarters Australian Theatre project. Graham's gritty determination and excellent project management skills progressed this complex and sensitive project to the successful stage that it is in today.

From all of us, farewell old son. You remain, always, always a gentleman.

Lieutenant Colonel G. Cornish

*provided by
Major G. Laurie (Retd)
President RAA Association (SA)*

Lieutenant Colonel Garry Cornish RFD, ED (Retd), one of the more colourful Gunners in South Australia, passed away on 11 March 2003.

HONOURS AND AWARDS

Australia Day – Military Division

Medal of the Order of Australia (OAM)

Warrant Officer Class One Wayne Lee PARKER

For meritorious service to the Australian Army as the Regimental Sergeant Major of 23rd Field Regiment, as the Regimental Sergeant Major of the School of Artillery, and as the Master Gunner of Land Command Artillery.

Conspicuous Service Cross (CSC)

Colonel Terence John McCULLAGH

For outstanding achievement in the performance of duty as the Director Personnel Operations - Army.

Australia Day – Civil Division

Officer of the Order of Australia (AO)

Colonel L.T. (Trevor) OLSSON MBE, RFD, ED (Retd)

For his services to the judicial system in South Australia.

Commander 1st Division Commendation

Bombardier Simon William KNIGHT, 4th Field Regiment

I commend you for your exemplary performance in carrying out your responsibilities as Safety Supervisor at the Mount Stuart Static Grenade Range on 19 June 2002.

In particular, your prompt action to remove a fellow soldier to safety after he had dropped a live F1 Hand Fragmentation Grenade inside the throwing bay is to be commended. This action demonstrated clear thinking and calmness under pressure. Your actions are more praiseworthy because the incident occurred towards the end of a lengthy activity.

Through your actions you have brought great credit to yourself, your unit and the Australian Army.

PROFILES

BRIGADIER B.A. POWER CSC, ADC

Commander 1st Brigade

Brigadier Ash Power graduated from the Royal Military College Duntroon in December 1978 and was allotted to the Royal Regiment of Australian Artillery. He was posted to the 4th Field Regiment in order to conduct Regimental duty and performed the functions of Section Commander, Gun Position Officer, and Assistant Adjutant. Subsequent Regimental service includes: Adjutant 4th Field Regiment, Operations Officer (Battery Commander Headquarters Battery) 4th Field Regiment and Commanding Officer 4th Field Regiment.

He has been an instructor at the School of Artillery, the Royal Military College Duntroon, and the Royal Military Academy Sandhurst, Camberley, United Kingdom.

He attended Command and Staff College, Bangkok, Thailand. He has also held the positions of: Brigade Major at Headquarters 6th Brigade, Staff Officer Grade One Artillery at Land Headquarters, Military Assistant to the Land Commander, Land Headquarters and Staff Officer Grade One Operational Support, Deployable Joint Force Headquarters.

In November 1998 Brigadier Power deployed to Bougainville on Operation BELISI as the Chief of Staff and in September 1999 deployed as the Colonel Operations for INTERFET in East Timor. He was posted as the Defence Attache Thailand in January 2000, and on his return, in January 2002, studied at the Australian Centre for Defence and Strategic Studies.

He is a graduate of the Royal Thai Army Command and General Staff College, and the Australian Centre for Defence and Strategic Studies. In 1998 he was awarded the Conspicuous Service Cross for service as the Commanding Officer of 4th Field Regiment. Brigadier Power was promoted to Brigadier on 22 November 2002 and assumed command of the 1st Brigade on 6 December 2002. He is married to Narelle and they have two daughters, Renee and Jessica.

COLONEL S.T. GOLTZ

Commander Land Command Artillery

Colonel Stephen Goltz enlisted in the Army in January 1976 and after recruit and initial employment training was posted to 106th Field Battery, 4th Field Regiment. He graduated from the Officer Cadet School, Portsea in mid 1978 and served at 1st Field Regiment, Wacol, from mid 1978 to December 1981. From January 1982 he was Adjutant of 5th/11th Field Regiment in Brisbane.

Colonel Goltz was posted to the Army Apprentices School, Bonegilla in 1984 as a Company Commander and then returned to 4th Field Regiment in January 1986 as the Battery Captain of 107th Field Battery. In 1987 he moved to Headquarters Battery as the Quartermaster. In 1989 Colonel Goltz was promoted to Major and posted to Battery Commander Headquarters Battery/Operations Officer of 1st Field Regiment in Enoggera.

In 1991 after his posting to Brisbane, Colonel Goltz was posted as a Senior Instructor/Company Commander at the Royal Military College, Duntroon. In mid 1992 he was selected for language training in Cologne and German Staff College in Hamburg. In mid 1994 he returned to Australia and moved to Canberra into the Directorate of Officer Career Management as the Career Adviser - Artillery.

In December 1995 he was promoted to Lieutenant Colonel and was posted as Staff Officer Grade One Strategic Personnel Planning in Personnel Division. Colonel Goltz was posted as a student at the Joint Services Staff College in Canberra in the second half of 1997. Following this course he was appointed Chief of Staff of the Combat Arms Training Centre for 1998. In December of 1999 he assumed his appointment as Commanding Officer/Chief Instructor of the School of Artillery in Puckapunyal.

In January 2001 Colonel Goltz was posted as Staff Officer Grade One Combat Plans in Headquarters Northern Command, Darwin. In April 2001 he was appointed as Chief of Operations on the Peacekeeping Force Headquarters in Dili for Operation Tanager. He returned to Australia after a six-month tour and continued at Headquarters Northern Command. He was promoted to full Colonel in January of 2003 and appointed Commander Land Command Artillery at Victoria Barracks, Sydney.

Colonel Goltz has a Masters in Defence Studies from University of New South Wales and his interests include all sports, but in particular rugby, golf, hockey and swimming. He is married to Denise and has two daughters, Kate 18 and Amanda 15 years.

LIEUTENANT COLONEL P.C. GATES

Commanding Officer/Chief Instructor School of Artillery

Lieutenant Colonel Peter Gates graduated from the Royal Military College in 1986 and was allocated to the Royal Regiment of Australian Artillery. He has had a variety of Regimental postings, serving in both 8th/12th Medium Regiment and 4th Field Regiment. He commanded 103rd Medium Battery during the Restructuring the Army (RTA) Trials. In 1998 he attended Command and General Staff College at Queenscliff.

From Staff College, Lieutenant Colonel Gates took up an appointment at Combat Command Wing within the Combat Arms Training Centre and was involved in the development of the Combat Officer Advanced Course and revision of Offensive Support Planning Procedures.

Prior to his current appointment as Commanding Officer/Chief Instructor of the School of Artillery, he held appointments of Staff Officer Grade One Offensive Support and Concepts within the Force Development Group at the Land Warfare Development Centre. In those appointments his work centred on Army force development, including Offensive Support and Ground Based Air Defence systems.

Lieutenant Colonel Gates holds postgraduate qualifications in the fields of International Relations and International Law. He is married to Sally and they have two daughters, Sophie (4) and Charlotte (1).

LIEUTENANT COLONEL S. ROACH

Commanding Officer 1st Field Regiment

Lieutenant Colonel S. (Don) Roach was born in Adelaide, South Australia in 1963. He completed Higher School Certificate at Melbourne High School in 1981. Lieutenant Colonel Roach then attended the Royal Military College Duntroon and graduated to the Royal Australian Artillery in 1985. Upon graduation he then completed an honours thesis, attaining a Bachelor of Science, (Honours). His first Regimental posting was to 8th/12th Medium Regiment from 1987 to 1989 as a Section Commander, Gun Position Officer and Assistant Operations Officer. Lieutenant Colonel Roach was then posted in 1990 as the Training Officer / Battery Captain 16th Field Battery, 6th/13rd Field Regiment, Launceston. He was then posted in 1991- 1992 as the Staff Officer Operations, Headquarters 6th Brigade, Enoggera. In 1993 he was posted as a United Nations Military Observer with the UN Truce Supervision Organisation in the Middle East. He spent six months on the Golan Heights whilst living in Damascus. A further six months were spent in South Lebanon and Northern Israel.

Lieutenant Colonel Roach was posted to 1st Field Regiment, Enoggera from 1994 to 1996. Initially as Adjutant, and upon promotion to Major at the end of 1994 completed his tenure as Battery Commander Headquarter Battery/Operations Officer, and Battery Commander 105th Field Battery. From mid 1997 to mid 1998, Lieutenant Colonel Roach was posted as a student to the US Army Command and General Staff College, Fort Leavenworth, Kansas, USA. From mid 1998 to December 1999 he was posted to Australian Defence Headquarters as Staff Officer to Head of Strategic Policy and Plans.

At the end of 1999 to February 2000 Lieutenant Colonel Roach deployed as Staff Officer Combined Plans, Headquarters INTERFET, Dili, East Timor. From February 2000 to January 2002 he was posted as Staff Officer Grade One Plans, Deployable Joint Force Headquarters, Enoggera.

In December 2000 Lieutenant Colonel Roach completed a Masters in Defence Studies, UNSW (part time study over three years). Lieutenant Colonel Roach assumed command of the 1st Field Regiment in January 2002. He is married to Susan, and has three children, Jackson 7 years old Georgia 6 years old and Barclay 2 years old. His interests include Triathlon/Running, Australian Rules Football, Baseball, Golf and Tennis, as well as military studies and wine tasting.

LIEUTENANT COLONEL P. ROWLEY RFD

Commanding Officer 2nd/10th Field Regiment

Lieutenant Colonel Peter Rowley was born in Melbourne in 1958 where he grew up, went to school and in 1978 joined the Victoria Police Force. In 1981 he enlisted into the Officer Cadet Training Unit, Course 18, graduating as a Second Lieutenant into 2nd/15th Field Regiment.

Whilst at 2nd/15th Field Regiment he held a range of Regimental postings with 2nd Field Battery, including Gun Position Officer and Forward Observer. After a posting as Staff Officer Grade Three Operations at 4th Brigade Headquarters he returned to 2nd Field Battery as Battery Captain. Upon completion of his Intermediate course at Reserve Command & Staff College he was promoted and remained on staff as a Tactics Instructor until his appointment as Battery Commander of 22nd Field Battery, 2nd/10th Medium Regiment. He was then posted as Staff Officer Grade Two Operations/Plans Headquarters 4th Brigade where he served during the Revitalisation of the Reserve Trial. He then completed postings in Training Command as Cadet Company Commander and Operations Officer at Monash University Regiment then as an Instructor at RTC-Victoria before taking command of 2nd/10th Field Regiment.

Lieutenant Colonel Rowley has completed his Corps Courses, finishing in 1st place on his Forward Observers and Advanced Courses. He attended and passed the Tactics Instructors Course. He completed IOC in 1995 (full time) where he received the Blamey Award for excellence. He is a graduate of Command and Staff College, and attended the Pre-Command Course in 2002.

In his parallel career Lieutenant Colonel Rowley is an Operational Sergeant at Dandenong Police Station, the second busiest station in Victoria. He has worked as a detective at the Fraud Squad, Frankston and Springvale Criminal Investigation Branches. He has also worked plain-clothes operations at Frankston.

Lieutenant Colonel Rowley is the recipient of the Reserve Force Decoration and the National Medal. He holds a Diploma in Management and is currently studying for a Masters Degree in Organisational Leadership.

Lieutenant Colonel Rowley is married to his very understanding and supportive wife of 23 years, Michelle. They have five children, Tristan 20, Heath 17, Elyse 15 and identical twins, Bryce and Kyle 11 years. Michelle has recently returned to the full time workforce teaching at the local primary school.

In his spare time and in between running children between sporting activities, Lieutenant Colonel Rowley plays golf, not as well as he would like. To relax he enjoys putting his feet up watching movies, or strives to read something not related to his studies.

LIEUTENANT COLONEL W.N. JONES

Commanding Officer 4th Field Regiment

Lieutenant Colonel Warwick Jones graduated from the Royal Military College, Duntroon in January 1985 and was posted to 4th Field Regiment Royal Australian Artillery. During this posting he held a number of regimental appointments. On promotion to Captain in 1988 he spent six months on the Officer Career Lecture Team before being posted to 8th/12th Medium Regiment as a Battery Captain.

In 1990 he was posted as Aide-De-Camp to the Governor General, and in January 1991 was posted to Land Command Artillery, Land Headquarters, as an Instructor in Gunnery.

In January 1993 he was promoted to Major and posted to the US Army Field Artillery School for two years as the Australian Instructor in Gunnery. In January 1995 he returned to 4th Field Regiment as the Battery Commander of 108th Field Battery.

In January 1997, he was posted to Australian Command and Staff College, Queenscliff and in January 1998 he was posted to DOCM-A as the Career Advisor for Royal Australian Artillery and Military Police. Promoted to Lieutenant Colonel in November 1998, he was posted to Australian Defence Force Academy as the Commanding Officer of the Military Training Wing. In 2001, Lieutenant Colonel Jones was seconded to Bougainville as the Chief of Staff, Headquarters Peace Monitoring Group. For this he was awarded the Australian Service Medal. Lieutenant Colonel Jones has a Bachelor of Arts.

Lieutenant Colonel Jones assumed command of 4th Field Regiment on 14th January 2002. He is married to Cavelyn and has three children, Ben, Samuel and Michael. He enjoys sport, particularly Rugby, and spending time with his family.

LIEUTENANT COLONEL J.V. WILSON RFD

Commanding Officer 7th Field Regiment

Lieutenant Colonel John Wilson enlisted in the Australian Regular Army in January 1970, and was commissioned into the Royal Australian Artillery in 1979. He has spent most of his early Regimental life in 7th Field Regiment, Royal Australian Artillery. He has commanded all Batteries within 7th Field Regiment as well as the Battery Commander of 10th Field Battery, 23rd Field Regiment, Royal Australian Artillery. He has held postings as Staff Officer Grade Two Operations at the then Army War Games Centre, Second-in-Charge of 7th Field Regiment, Instructor at Command and Staff Wing, and Staff Officer Grade Two Plans at Headquarters 8th Brigade. In December 1999 he commenced full time service as Brigade Major of 8th Brigade and, was subsequently promoted to Lieutenant Colonel and became the first Chief of Staff of the 8th Brigade.

On 1st January 2002 he assumed command of 7th Field Regiment Royal Australian Artillery. Lieutenant Colonel John Wilson is married to wife Maureen and has two daughters, Madeleine (aged 11) and Bronte (aged 9). His interests include photography and restoring old cars.

LIEUTENANT COLONEL D.P. COGHLAN

Commanding Officer 16th Air Defence Regiment

Lieutenant Colonel David Coghlan was born in Canberra on the 15th May 1963. He graduated from the Royal Military College Duntroon in 1984 to the Royal Australian Artillery. From 1985 to 1988 he held a variety of Regimental postings in the 16th Air Defence Regiment at Woodside in South Australia involving both the Rapier and RBS70 surface-to-air guided weapon systems.

In 1989 and 1990 Lieutenant Colonel Coghlan was the Staff Officer Grade Three Operations at the Headquarters 3rd Brigade in Townsville and from there was posted to the United States where he was a tactics instructor at the US Army Air Defence School at Fort Bliss Texas. Upon return to Australia he was the Operations Officer and Battery Commander of Headquarters Battery at the 16th Air Defence Regiment.

From there Lieutenant Colonel Coghlan attended Army Command and Staff College at Queenscliff followed by a posting to Brisbane as the senior Staff Officer Grade Two Operations at the Deployable Joint Force Headquarters. In 1998 he was posted to Canberra as Staff Officer to the Director General of Preparedness and Plans - Army. At the end of 1998 he was promoted to Lieutenant Colonel as the Staff Officer Grade One Organisational Structure in Army Headquarters, a position he held for three years. For his efforts in this area he was awarded a Chief of Army's commendation.

While posted to Army Headquarters he completed, on a part-time basis, a Master of Defence Studies at the Australian Defence Force Academy where he was awarded the Defence Studies prize as the most outstanding student in the program. In 2001 Lieutenant Colonel Coghlan was awarded first and second prizes in the Chief of Army's Essay competition for his papers titled *The Revolution in Military Affairs* and *The Prospect of a United Nations Standing Force*. A recent article, *Australia's Defence Policy in the Post-Cold War World*, appears in the 2002 edition of the *Army Journal*.

During 2002 Lieutenant Colonel Coghlan deployed as the contingent commander of the Australian United Nations Military Observers and Deputy, then Senior United Nations Military Observer in the Oecussi Sector of East Timor. He assumed his present appointment, as Commanding Officer of the 16th Air Defence Regiment, in January 2003. Lieutenant Colonel Coghlan is married to Trish and they have three children, Jessica 11, and twins Benjamin and Sarah who are 8. They live in the Adelaide Hills.

LIEUTENANT COLONEL J.G. MCCAULEY

Commanding Officer 23rd Field Regiment

Lieutenant Colonel Greg McCauley was born in Belfast, Northern Ireland. After initial schooling in the Middle East, he was sent to a boarding school in Belfast. He joined the British army in 1973, serving in West Germany and Gibraltar. During this period Lieutenant Colonel McCauley saw active service in Northern Ireland.

Lieutenant Colonel McCauley emigrated to Australia in 1981. In July 1981 he joined the Army Reserve and attended Officer Cadet Training Unit at Bardia Barracks, Ingleburn. He graduated in March 1983 and was posted as a Second Lieutenant to 23rd Field Regiment as a Section Commander. Over the next fourteen years he served continually with the Regiment as a Gun Position Officer, Forward Observer, Battery Captain and as Battery Commander of 11th Field Battery.

In 1997 Lieutenant Colonel McCauley was posted to 8th Brigade as Staff Officer Grade Two Plans. He returned to 23rd Field Regiment in 1999 as Second-in-Command. In June 2000 he was posted on promotion to Lieutenant Colonel as Staff Officer Grade One Operational Analysis at Land Headquarters. During this period he carried out work overseas with the Peace Monitoring Group in Bougainville. He assumed command of 23rd Field Regiment on 1st January 2002.

Lieutenant Colonel McCauley has a BA and MBA (International Business) from the University of New England. Lieutenant Colonel McCauley has an interest in reading military history and riding his motorcycle, but hates gardening.

In his civilian job he heads the fundraising department at the Children's Hospital at Westmead. Lieutenant Colonel McCauley is married to Pamela, and has four children, Jeremy, Amanda, James and Nicole.

WARRANT OFFICER CLASS ONE D.J. KELLY OAM

Regimental Sergeant Major 1st Brigade

Warrant Officer Class One Kelly was born and raised in the southern suburbs of Sydney. He enlisted in the Australian Regular Army in January 1977 and following recruit training, he was allocated to the Royal Australian Artillery. He served his initial years as a Gun Number in 8th/12th Medium Regiment, rising to the rank of Sergeant. During this time he was detached to the 5th/7th Battalion as a Platoon Sergeant for duty in Butterworth.

In 1984 he was posted to the Royal Military College, Duntroon, as a Drill Sergeant. A posting to the 1st Field Regiment followed in 1987, firstly as a Gun Sergeant and then following his promotion to Warrant Officer Class Two, as Battery Guide 105th Field Battery and Sergeant Major Instructor in Gunnery with the Regiment's General Reserve sub-unit, 104th Field Battery.

Warrant Officer Class One Kelly was posted to the 4th Field Regiment in 1992, as the Battery Sergeant Major, 108th Field Battery. In April of that year, he completed the Regimental Sergeant Majors Course, at Singleton.

In January 1994, he was posted on promotion as the Regimental Sergeant Major of the Base Administrative Support Unit - Liverpool. In January 1996 he assumed his position as Regimental Sergeant Major of the Sydney based 7th Field Regiment. Warrant Officer Class One Kelly was posted as the Regimental Sergeant Major of the 4th Field Regiment in January 1998.

He was posted to the Multinational Force and Observers- Sinai in July 1999, as the Regimental Sergeant Major of the Australian Contingent and as the Force Training Development Warrant Officer. It was during this tour of duty that he was awarded a Director Generals Certificate.

Warrant Officer Kelly returned to Australia in January 2000 and assumed his position as the Regimental Sergeant Major Ceremonial - Army. During his tenure he served with the Australia's Federation Guard, on Royal Duties in London. He was also responsible for the design and procurement of the Army Banner, and for the planning and conduct of the Army Centenary Parade.

He assumed his current position as Regimental Sergeant Major of the 1st Brigade in October 2001. His Honours and Awards include the Medal of the Order of Australia, a Chief of Army Commendation, the Commander 1st Division Commendation and the United States Army Achievement Medal. Warrant Officer Class One Kelly is married to Deborah and they have three children, Craig (21) (RASIGS), Scott (19) (RAEME) and Brooke (15).

WARRANT OFFICER CLASS ONE M.H. GOWLING

Regimental Master Gunner

Warrant Officer Class One Martin Hamilton Gowling enlisted in the Australian Regular Army on 8th February 1977. During his recruit training he was awarded the Chief of the General Staff Commendation for saving the life of a fellow recruit who had drowned during training. After recruit training he was allocated to the Royal Australian Artillery.

After corps training at the School of Artillery in Sydney, he was posted to 'A' Field Battery, 8th/12th Medium Regiment in Holsworthy as a Gun Number. On 17th August 1977 he was posted to 131st Divisional Locating Battery as an Artillery Surveyor and during this period he cross-trained as an Operator Command Post (Sound Ranging). He was promoted to Lance Bombardier on 24th March 1980 and Bombardier on 29th July 1980.

On 30th June 1982 Warrant Officer Class One Gowling was posted to Headquarters Battery 1st Field Regiment in Wacol as the Survey Bombardier. On the 27th April 1984 he was promoted to Sergeant and posted to Headquarters Battery 4th Field Regiment in Townsville as the Regimental Survey Sergeant. On 28th January 1987 he was posted to 131st Divisional Locating Battery in Enoggera as the Divisional Survey Sergeant and on 4th January 1989 was promoted to Warrant Officer Class Two.

Warrant Officer Class One Gowling was posted to the School of Artillery in Manly on 24th January 1990 as an Instructor in Artillery Survey and Meteorology. On 27th January 1993 he was posted to Command and Staff College in Queenscliff as the College Sergeant Major. On 17th January 1996 he was posted to the School of Artillery as the Senior Sergeant Major Instructor in Gunnery (Locating). During this time Warrant Officer Class One Gowling was awarded a Commandant Combat Arms Training Centre Commendation for his efforts in the rationalisation of Locating Artillery training. He was promoted to Warrant Officer Class One on 18th January 1999 and posted to 131st Locating Battery as the Battery Sergeant Major.

In September 1999 he was deployed to East Timor as part of the International Force East Timor (INTERFET). On 30th November 2001 Warrant Officer Class One Gowling was awarded a Commander Deployable Joint Force Headquarters Commendation for services to Locating Artillery. On 14th January 2002 he was posted as the Royal Australian Artillery Regimental Master Gunner at Headquarters Combat Arms Training Centre Puckapunyal. Warrant Officer Class One Gowling is married to Fiona and has two teenage sons.

WARRANT OFFICER CLASS ONE D.B. CALLAGHAN

Master Gunner Land Command Artillery

Warrant Officer Class One Darren Callaghan enlisted into the Australian Regular Army on 30 July 1980 and was allocated to the Royal Regiment of Australian Artillery. On completion of his initial employment training he was posted to 4th Field Regiment as a Gun Number. In 1984 Warrant Officer Class One Callaghan was detached to Alfa Coy 1st Battalion Royal Australian Regiment, deploying with the Rifle Company Butterworth and in December 1985 was promoted to Bombardier. December 1988 saw Warrant Officer Class One Callaghan posted to 8th/12th Medium Regiment and subsequently promoted to Sergeant. He returned to 4th Field Regiment in 1991 as a Gun Sergeant and in 1992 was appointed as a Battery Commanders Assistant.

During his posting to 4th Field Regiment he once again served with 1st Battalion Royal Australian Regiment, this time in Somalia on Operation SOLACE. It was during this time that he received a Chief of the General Staff Commendation.

In January 1995 he was promoted to Warrant Officer Class Two and posted to 48th Field Battery where he held the position of Sergeant Major Instructor in Gunnery. In October 1996 he was posted to the Army Logistic Training Centre as the Company Sergeant Major of Military Skills Wing and Electrical and Electronics Systems Wing. In 1997 he was posted to the School of Artillery as an Instructor and in December 1999 was posted to 8th/12th Medium Regiment as the Battery Sergeant Major, 101st Medium Battery.

In January 2002 Warrant Officer Class One Callaghan was appointed as the Regimental Sergeant Major of 23rd Field Regiment. In January 2003 he was appointed the Master Gunner Land Command Artillery and also the Regimental Sergeant Major of Victoria Barracks Sydney. Warrant Officer Class One Callaghan is married to Jo-Anne and they have 3 children, Gavin, Emma and Craig. His interests include snow skiing, swimming, golf and Australian Rules Football.

WARRANT OFFICER CLASS ONE P.T. WASHFORD

Regimental Sergeant Major School of Artillery

Warrant Officer Class One Paul Washford enlisted into the Australian Regular Army in January 1977 and was allocated to the Royal Regiment of Australian Artillery. He was posted to 4th Field Regiment as a Gun Number. His early career was spread between the gun, signaller and operator command post trades in the gun batteries and Headquarter Batteries of 4th Field Regiment and 8th/12th Medium Regiment. He was posted to the School of Artillery, Manly as an Instructor and promoted to Sergeant in 1985. He attended the Artillery School at CFB Gagetown, Canada in 1986/1987 and then returned to the School of Artillery, Manly for another instructional posting before moving to 8th/12th Medium Regiment in 1989.

He was promoted to Warrant Officer Class Two in 1990 and was posted as the Battery Guide of A Field Battery. In 1992 he moved to the Royal Military College, Duntroon and completed a stint as the Drill Wing Sergeant Major before returning to A Field Battery as Battery Sergeant Major in 1994. In 1997 he was posted to 23rd Field Regiment as a Sergeant Major Instructor in Gunnery before moving to Puckapunyal in 1999 to work as the Artillery Trade Policy Warrant Officer at the Army Combat Arms Training Centre.

In January 2000 he was promoted to Warrant Officer Class One and appointed as the Regimental Sergeant Major of 2nd/10th Medium Regiment. He is currently the Regimental Sergeant Major of the School of Artillery. Warrant Officer Class One Washford is married to Yvonne and enjoys watching rugby. His son Michael is 6.

WARRANT OFFICER CLASS ONE M. TAULETTA

Regimental Sergeant Major 1st Field Regiment

Warrant Officer Class One Tauletta enlisted in the Australian Army on 28th May 1980, and commenced his recruit training at 1st Recruit Training Battalion on 29th May 1980. On completion of recruit training he was allotted to the Royal Australian Artillery. His first Regimental posting was to 4th Field Regiment in December 1980. Warrant Officer Class One Tauletta was then promoted to Sergeant on posting to the School of Artillery at North Head, where he instructed on initial employment training Gun Number courses. He was then posted to 8th/12th Medium Regiment, A Field Battery in December 1987, where he held various appointments within A Field Battery as a Gun Sergeant, finishing up as Operator Command Post Sergeant in 1990. Warrant Officer Class One Tauletta was then posted to 5th/11th Fd Regt as the Operations Sergeant. He was then posted back to 8th/12th Medium Regiment as the Battery Guide of A Field Battery. In 1995 he was awarded a Divisional Commander Commendation for services to the development of Artillery Airborne Operations.

Warrant Officer Class One Tauletta was then posted to 11th Field Regiment and subsequently 1st Field Regiment upon the disbandment of 11th Field Regiment. Warrant Officer Class One Tauletta was then posted to the 6th Battalion Royal Australian Regiment as the Company Sergeant Major of Fire Support Company as part of the Restructuring the Army Trial.

In January 2000 he was promoted to Warrant Officer Class One and took up his first appointment as Regimental Sergeant Major of 23rd Field Regiment. In June 2001 Warrant Officer Class One Tauletta deployed to East Timor as a United Nations Military Observer, with the honorary rank of Captain. Warrant Officer Class One Tauletta is currently posted to the 1st Field Regiment as the Regimental Sergeant Major.

Maurice is married to Melissa Jane, and has two children Melanie, 16 years old and Adam, 13 years old. His interests include running and watching soccer and Australian Rules football.

WARRANT OFFICER CLASS ONE D.A. JONES

Regimental Sergeant Major 16th Air Defence Regiment

Warrant Officer Class One Jones joined the Australian Regular Army on the 10th March 1975 and after completing recruit training at 1st Recruit Training Battalion was allocated to the Royal Australian Artillery and conducted initial employment training on the M2A2 Howitzer at the School of Artillery, North Head, Manly. He received an initial posting to 4th Field Regiment, Townsville, however managed to orchestrate a change to 111th Air Defence Battery (Lt) based at Woodside. He has subsequently spent 16 out of his 28 years at Woodside and has been employed as a driver, operator command post air defence and in the missile stream. He has been posted to each of the three Battery's at least twice and has had two postings as Regimental Sergeant Major of 16th Air Defence Regiment. The first from the 8th December 1992 until the end of 1994, and his second appointment commenced in January 2002.

Warrant Officer Class One Jones has also had a variety of non-corps posting including, as a platoon sergeant at 1st Recruit Training Battalion, an instructor at the Warrant Officer and Non-Commissioned Officer Wing, Canungra and as the Administration Officer of 162nd Reconnaissance Squadron, Townsville. He has held Regimental Sergeant Major appointments at BASC Randwick (Sydney) from 1995 to 1997 and at 5th Training Group (Perth) from 1998 to 2001.

Warrant Officer Class One Jones has been married for 28 years. He and his wife, Edna, have two adult children, Matthew and Nicole. He is an avid golfer and is the current President of the Woodside Army Golf Society.

WARRANT OFFICER CLASS ONE B.C. KYRWOOD

Regimental Sergeant Major 2nd/10th Field Regiment

Warrant Officer Class One Barry Kyrwood was born in Perth on 25 April 1956, and after 5 years as a pantograph engraver, sign writer, and industrial spray painter enlisted into the Australian Regular Army in 1977.

Warrant Officer Class One Kyrwood has held a range of positions both in Training Command and Land Command. Gunner to Bombardier positions have included gunner, signaller, driver, operator command post, command post bombardier and forward observer assistant. Sergeant and Warrant Officer positions have included Battery Commanders Assistant in 108th Field Battery, Sergeant Instructor in Military Training Wing at the Royal Military College Duntroon, Sergeant Instructor in Regimental Training Wing at the School of Artillery North Head, Command Post Sergeant in 108th Field Battery, Warrant Officer Cadets North Queensland at Army Personnel Agency Townsville, Battery Guide 107th Field Battery and Battery Sergeant Major of 107th Field Battery.

Warrant Officer Class One Kyrwood has had various operational and non-operational overseas experiences. Operational experience includes Rifle Company Butterworth in 1981, Operation Vista (Malaysia and Cambodia) in 1997 and Operation Plumbob (Solomon Islands) in 2000. Non-operational experiences through various overseas exchanges including England, New Guinea, New Zealand and Hawaii.

Warrant Officer Class One Kyrwood's honours and awards include Australian Service Medal (South East Asia Clasp), Defence Force Service Medal, and Land Commander's Commendation for services to 2nd/10th Field Regiment as the Regimental Sergeant Major. Warrant Officer Class One Kyrwood has held the appointment of Regimental Sergeant Major of the 2nd/10th Field Regiment since January 2001. Warrant Officer Class One Kyrwood is married to his wife of 17 years, Vivienne. They have two children Jarod aged 12, and Breanna aged 8. His interests include running, and hockey.

WARRANT OFFICER CLASS ONE P.A. MATTHYSEN

Regimental Sergeant Major 4th Field Regiment

Warrant Officer Class One Philip Matthysen was born and raised in Sydney NSW. He enlisted in the Australian Regular Army in January 1979 where he was allocated to the Royal Australian Artillery. In July he was posted to 8th/12th Medium Regiment as a gun number and promoted to Lance Bombardier in February 1981. In March 1982 he was promoted to Bombardier and to Sergeant in February 1985.

Other postings have included Gun Second-in-Command and Detachment Commander in 107th Field Battery, 4th Field Regiment. He was subsequently posted as a Sergeant Instructor at the Recruit Training Wing, School of Artillery. He was promoted to Warrant Officer Class Two in January 1989 and posted to the Australian Defence Force Academy as a Squadron Sergeant Major. In 1992 he was posted to 7th Field Regiment as a Sergeant Major Instructor in Gunnery at 28th Field Battery and in 1994 to 4th Field Regiment as the Battery Guide of 108th Field Battery, later as the Battery Sergeant Major. In 1998 he was posted to the Army Promotion Training Centre North Queensland Detachment.

On promotion to Warrant Officer Class One in January 2000 he was posted to 7th Field Regiment as the Regimental Sergeant Major. Later in that year he was appointed as the Regimental Sergeant Major of the Operational Search Battalion during Operation Gold, the ADF security for the Olympic Games.

He was awarded the Australian Service Medal for duty in Bougainville during 2001 where he was appointed the position of Regimental Sergeant Major of the Peace Monitoring Group. In January 2002 Warrant Officer Class One Matthysen was appointed as the Regimental Sergeant Major of 4th Field Regiment. He is married to Susan and has three grown up children Justin, Stephanie and Brock. He enjoys all forms of sport and particularly enjoys rugby as well as being a keen flying enthusiast.

WARRANT OFFICER CLASS ONE R.J. THOMPSON

Regimental Sergeant Major 7th Field Regiment

Warrant Officer Class One Thompson enlisted in the Australian Regular Army in July 1981 and after completing recruit and initial employment training commenced his career with 8th/12th Medium Regiment, Royal Australian Artillery, serving in 103rd Medium Battery as a Gun Number. During the period posted to 8th/12th Medium Regiment from December 1981 to December 1989 he was promoted through the ranks to Sergeant. In 1987 he participated in Exercise NORTHERN STAR with 102nd Medium Battery which deployed to Aldershot, England for six weeks. In 1988 he was promoted to Sergeant and toured Australia as a member of the Bicentennial Military Tattoo Regiment.

In January 1990 he was posted to 4th Field Regiment serving in 108th Field Battery as a Gun Sergeant then the Command Post Operator Sergeant. In January 1992 he was posted to 1st Field Regiment serving in 101st Field Battery. During this tenure of service he was employed as the Battery Commander's Assistant within the Joint Offensive Support Coordination Centre. In December 1994 he was posted to 11th Field Regiment as the Sergeant Major Instructor in Gunnery of 14th Field Battery, Ipswich where he was subsequently promoted to warrant officer.

In January 1997 he was posted to Gunnery Wing, School of Artillery, North Head, Manly where he spent 12 months employed as Sergeant Major Instructor in Gunnery. In December 1997, he was appointed as the Battery Sergeant Major of 108th Field Battery, 4th Field Regiment. In 1999 the Battery deployed to New Zealand during Exercise TASMAN EXCHANGE for one month. Shortly after returning to Australia the Battery was restructured into a rifle company and, on 20th September 1999, they deployed on active service on Operation WARDEN and Operation STABILISE in East Timor. He returned to Australia with the Battery in January 2000 and remained the Battery Sergeant Major until December 2000.

In January 2001 he was posted as an instructor at Warrant Officer Section, Command, Staff and Operations Wing at Headquarters Regional Training Centres. On 23rd November 2001 he was promoted to Warrant Officer Class One and appointed the Regimental Sergeant Major of 7th Field Regiment on 14th January 2002.

Warrant Officer Class One Thompson is married to Julie and together they have two sons, Kurt aged five years and Dane aged three years. His interests include all contact sports in particular Rugby League and Rugby Union. Other interests include all forms of motor racing.

WARRANT OFFICER CLASS ONE B.D. SINGH

Regimental Sergeant Major 23rd Field Regiment

Warrant Officer Class One B.D. Singh enlisted in the Australian Regular Army on 3rd February 1982. Following recruit training he was allocated to Royal Australian Artillery and at the completion of his initial employment training as a Gun Number was posted to 4th Field Regiment, Lavarack Barracks, Townsville.

In 1985 Warrant Officer Class One Singh was posted to 1st Field Regiment, Enoggera Barracks as a gun bombardier. He was promoted to Sergeant in 1987 and the following year was posted to the School of Artillery, North Head, Manly as an instructor in Regimental Training Wing. During his posting at the school he spent 6 months at the Royal School of Artillery, Larkhill, England in 1989 on Exercise Long Look.

In 1992 he was posted to 2nd /10th Medium Regiment as a Sergeant Major Instructor in Gunnery followed by a posting to APA-Melbourne. In 1996 he was posted to Command and Staff College, Fort Queenscliff as College Sergeant Major. He was then posted to the School of Artillery Puckapunyal as Sergeant Major Instructor in Gunnery at Gunnery Wing. In 2000 he was appointed as Battery Sergeant Major of 53rd Battery at Puckapunyal. During his posting to 53rd Battery he completed 6 months operational service in East Timor with the United Nations Transitional Administration - East Timor (UNTAET).

On 20th January 2003, Warrant Officer Class One Singh was appointed Regimental Sergeant Major 23rd Field Regiment. He is a very keen sportsman who likes participating in most sports, in particular golf. Warrant Officer Class One B.D. Singh is married to Susan and has two children, Melanie and Benjamin.

Senior Full-Time Officer List

W/Rank	Surname	First Names	Appointment	Department	Unit
MAJOR GENERAL RANK					
MAJGEN	Roberts	Francis Xavier	DCA	DCA	AHQ
BRIGADIER RANK					
BRIG	Crane	Michael Peter	DG PACIFIC	PACIFIC BR	STRAT&INT
BRIG	Paramor	Michael Frank	COMDT RMC	COMDT	HQ RMC-A
BRIG	Power	Brian Ashley	COMD 1 BDE	COMD	HQ 1 BDE
BRIG	Retter	Paul Bernard	DGPP-A	SRSP	AHQ
BRIG	Warner	Anthony Gerard	POOL POSN	PERTH	PERTH
BRIG	Williams	Vincent Hardy	COMD	HQ	LWDC
COLONEL RANK					
COL	Colley	Francis Gerard	DSTRATCONT	JOINT PLANS	STRATCOM
COL	Fogarty	Gerard Paul	DPERSOPS-A	EOMPLS	AHQ
COL	Goltz	Stephen Terrence	CLCA	LCARTY	LHQ
COL	Hall	Brian Matthew Lindsay	DA	WELLINGTON	DA
COL	Logan	Jeremy Donald James	AREGP	HQ SO	HQ SO
COL	Lovell	Michael Gerard	DS	CDSS	ADC
COL	Lynch	Ian Austin	DA	KUALA LUMPUR	DA
COL	McCullagh	Terence John	STUD ADFA	ADFA	LTS
COL	Parrott	Ross Anthony	COL TRG	LHQ	LHQ
COL	Phelps	Michael Leo	DGBAD	GBADRSPO	LANDSYSTEM
COL	Stanhope	Richard Hugh	COMDT	HQ	ARTC
COL	Symon	Paul Bruce	C OF S	COMMAND	DJFHQ
COL	Winter	Philip Douglas	STUD ADC	CDSS	LTS

MAJOR GENERAL T.R. FORD AM RETIREMENT



**MINISTER FOR DEFENCE
LEADER OF THE GOVERNMENT IN THE SENATE
SENATOR THE HON. ROBERT HILL**

Tuesday 1st October 2002

MIN 531/02

Australian Military Adviser to the United Nations returns home

Defence Minister Robert Hill today congratulated Major General Tim Ford on his return to Australia following his two-year tenure as the Military Adviser to the United Nations Headquarters.

"This is the first time in the history of the United Nations that Australia has held the Military Adviser's position," Senator Hill said.

"It is great credit to the Australian Defence Force that an Australian officer was selected to fill such an important position."

"As the Military Adviser, Major General Ford was responsible for all military aspects of UN peacekeeping operations around the globe and plans for any future peacekeeping missions."

"He returns to Australia this week looking forward to a well-earned retirement after a long and distinguished career."

Senator Hill said the Australia Defence Force had a long history of involvement in peacekeeping and peace monitoring operations, demonstrating our commitment to contributing to the efforts of the international community to uphold global security.

Australia was a founding member of the United Nations and has been involved in UN peace missions since 1947.

Australia's current involvement in UN operations around the world includes the United Nations Mission in Support of East Timor (UNMISET), the United Nations Mission to Ethiopia/Eritrea (UNMEE) and the United Nations Truce Supervision Operation (UNTSO) in Israel/Jordan/Syria/Lebanon/Egypt.

The ADF is also involved in other non-UN multinational peacekeeping operations including peace monitoring in Bougainville, the International Military Advisory and Training Team (IMATT) in Sierra Leone, the Multinational Force and Observers (MFO) in the Sinai, and the Yugoslavia Security Force (SFOR) and Kosovo (KFOR).

**MEDIA NOTE:
Major General Ford's biography is attached.**

BIOGRAPHICAL DETAIL - MAJOR GENERAL T.R. FORD, AM

UNITED NATIONS MILITARY ADVISER

Major General Tim Ford was born in Ballarat in 1945. He was educated at North Sydney Boys' High School, the Royal Military College Duntroon and Sydney University. In 1966 he was commissioned into the Royal Australian Artillery.

During his military career, Major General Ford has served in a wide variety of staff, training and regimental appointments including operational service in South Vietnam. He is a graduate of the Royal School of Artillery, UK (1974), the Defence Services Staff College, India (1977), the Joint Services Staff College, Canberra (1983) and the US Army War College (1992).

Major General Ford was promoted to Lieutenant Colonel in 1980. During 1984-85, he was the Commanding Officer of 4th Field Regiment, Royal Australian Artillery in Townsville. Following a posting as Military Assistant to the Chief of the Army, he was promoted to Colonel in December 1986. In this rank he served as the Director of Artillery (overseeing the regimental and technical aspects of the Artillery Corps), the Director of Army Plans and Analysis (formulating and managing Army strategic planning), and the Director of Defence Force Programs.

He was promoted to Brigadier in December 1992 to assume the appointment of Director General Force Development (Land), HQ Australian Defence Force. In this appointment he was responsible for developing land combat and support force capabilities. This was followed by 12 months as Chief of Staff, Land Headquarters, an operational corps level headquarters where he was responsible for the co-ordination of all Land Command activities in Australia and support overseas. He was promoted to Major General in January 1996 to assume command of the 1st Division and the Deployable Joint Force Headquarters. This appointment was a joint-force field command at the operational level. The command included overseeing the training and preparation of four brigade sized units and a wide range of direct command units deployed across the north of Australia.

From April 1998 until April 2000, Major General Ford was the Head of Mission and Chief of Staff of the United Nations Truce Supervision Organisation (UNTSO) in the Middle East. UNTSO has a mandate to supervise cease-fire agreements between Israel and its Arab neighbours, Syria, Lebanon, Jordan and Egypt and comprises 152 military officer observers from 22 nations supported by over 200 international and local UN staff. UNTSO operates from a Headquarters in Jerusalem and includes six outstations and 16 observation

posts in four countries. UNTSO works in close co-operation with other peacekeeping missions (UNDOF, UNIFIL and MFO) and host-nation authorities in the Middle East and supports a number of other UN agencies and organisations.

During May - August 2000, Major General Ford provided support through the Australian Permanent Mission to the UN to the UN Department of Peacekeeping Operations (DPKO) on the UN Mission in Sierra Leone (UNAMSIL) and in the establishment of the UN Mission in Ethiopia and Eritrea (UNMEE).

Major General Ford was appointed the Military Adviser to the United Nations Headquarters (UN HQ), New York, in September 2000 until September 2002. As the Military Adviser, Major General Ford was the senior military representative in UN HQ. He commanded the Military Division in the DPKO and provided military advice to UN Headquarters including the Security Council, Member States and the 15 UN peacekeeping missions in the field. This included, providing advice and support to current operations, advising on future UN peacekeeping activities and the preparation and generation of peacekeeping forces.

In 1998, Major General Ford was appointed as a Member in the Military Division of the Order of Australia for "exceptional service to the Australian Army in the fields of Land Force Development and Operational Command".

Major General Ford and his wife, Chris, have two adult daughters. Major General Ford will retire from the Australian Army in January 2003.

Full-Time Officer List

<i>W/Rank</i>	<i>Surname</i>	<i>First Names</i>	<i>Appointment</i>	<i>Department</i>	<i>Unit</i>
LTCOL 1987					
LTCOL	Nicolls	Stephen Wayne	COFS	COFS CELL	LWDC
LTCOL 1988					
LTCOL	Overstead	Peter Louis	SO1 (CP-A)	CORP PLAN	AHQ
LTCOL 1989					
LTCOL	Tyrell	Philip Rodney	DD LAND DO	DOCTRINE	ADFWC
LTCOL 1996					
LTCOL	Gunn	John Howard	AREGUNP	POOL-GLEN	
LTCOL	Harris	Paul David	SO1 (OS)	JOSCC	DJFHQ
LTCOL	Holloway	Steven Richard	CI	BC W/G	
LTCOL	Manton	Robert Murray	INSTR	US6	ASARMY O/S
LTCOL	Millington	Richard John	SUPERNUMRY	ARMY-MPD	ARMY
LTCOL 1997					
LTCOL	Black	Jonathan Paul Chambers	MA TO CA	OCA	AHQ
LTCOL	Coghlan	David Peter	CO	RHQ TAC	16 AD REGT
LTCOL	Smith	John Peter	SO1 (CONCEPTS)	CONCEPTS	AHQ
LTCOL 1998					
LTCOL	Goodman	Wayne Leonard	DS ACSC	ADC	ARMY
LTCOL	Jones	Warwick Neil	CO	CO TAC	4 FD REGT
LTCOL	Pickford	Timothy David	CO/DCOFS	FORCE COMD	SINAI

W/Rank	Surname	First Names	Appointment	Department	Unit
LTCOL 1999					
LTCOL	Amor	Shane Peter	CO	HQ	1 GLGP
LTCOL	Hill	Jonathan Charles	PROJ MNGR	LSD	STPP
LTCOL 1999					
LTCOL	McLachlan	Paul David	CO	CO TAC	8/12 MDM
LTCOL	Roach	Simon	CO	CO TAC	1 FD REGT
LTCOL 2000					
LTCOL	Bilton	Gregory Charles	SO1 (ORG)	ORG STRUC	AHQ
LTCOL	Connerly	David Keith	DFSO 1	FORCE STRU	PGA
LTCOL	Delaney	Karl Stuart	CO/DDWP(A)	DDWP(A)	PP
LTCOL	Gates	Peter Campbell	CO/CI	SCH ARTY	CATC
LTCOL	Gibson	Robert Grant	SO1 (PP & PLANS)	STRAT HR	AHQ
LTCOL	Hodson	Russell Frederick	INSTR	UK 8/11	ASARMY O/S
LTCOL	Potter	Gary Gordon	PM	LWSLMD	LANDSYSTEM
LTCOL 2001					
LTCOL	Clingan	Scott Edward	SO1 (REC/RLO-A)	DOCM-A	AHQ
LTCOL	Garside	David Lindsay	SO1 (OPS)	P&E GROUP	JLOGCOMD
LTCOL	Shanahan	Rodger Damian	VISITING	RES LIAISE	LWSC
LTCOL	Swinsburg	Philip Robert	CO/SO1 (LAND OPS)	JOINT OPS	STRATCOM
LTCOL 2002					
LTCOL	Andersen	Christian William	SO1 (OPS)	EOMPLS	AHQ
LTCOL	Bagnall	Stuart Andrew	SO1 (OS)	OS & GBAD	LWDC
LTCOL	Finney	Graeme William	SO1 (IE)	DEV	AHQ
LTCOL	Hume	Steven John	DD LP DGLD	DGLD	STPP
LTCOL	Kingsford	Michael James	CO/LAND WPNS	WS	DIO
LTCOL	Palmer	Jeremy Paul	COFS	HQ	ARTC

W/Rank	Surname	First Names	Appointment	Department	Unit
LTCOL 2002 (CONT'D)					
LTCOL	Plant	Andrew Alfred	CO/SO1 (LAND)	LAND PLANS	ADFWC
LTCOL	Roach	Duncan Andrew	LGW PM	SESSPO	LCCSBMAJ
MAJ1987					
MAJ	Thwaites	Anthony Alan	SO1 (OPS)	OP FALCONER	OP FALCONER
MAJ	Vercoe	Todd Walter	LO	POOL POSN	OP CITADEL
MAJ1988					
MAJ	Folkard	Gregory Mark	RANGE CONTROL	PUCK-ADM	SDD
MAJ	Gustafson	Peter	NLM RGW	SESSPO	LANDSYSTEM
MAJ1989					
MAJ	Johns	Graeme Maxwell	DCOMDT	HQ	RTC (W/A)
MAJ	Walton	Markham St Clair	BC	HQ BTY	7 FD REGT
MAJ1991					
MAJ	Gibbings	Timothy John	SO2 (DEVEL)	JTRG/DEV	DJFHQ
MAJ	Landford	Paul Timothy	SO2 (OPS-A)	OPS	AHQ
MAJ1992					
MAJ	Taggart	Craig	SO2THREATR	IEJ & CEM	JIS
MAJ1993					
MAJ	Harris	Ronald Vaughan	RCO	SD-RTON	SDD
MAJ	Leichsenring	Michael	MSN CON AE	SYSPROJOFF	SYSPROJOFF
MAJ	Maw	Peter Ronald	SOAAC	DF CADETS	VCDF
MAJ	Saddington	Stephen Michael	SO2 (STRAT)	STRATEGY	AHQ

W/Rank	Surname	First Names	Appointment	Department	Unit
MAJ1994					
MAJ	Wardrop	Colin Victor	SO2 (OPS)	JOPS SEC	SDD
MAJ1995					
MAJ	Bailey	Brian James	SO2 (MAEFO)	INT HAWAII	JIS
MAJ	Bertingham	David James	SO2 (OPS)	JOPSSPT	NOD
MAJ	McDonagh	Richard Stuart	SOFS	LAND COMBAT	CAPSYS
MAJ1996					
MAJ	Kocka	Joseph Robert	INSTR	STAFF TRG	HQ RTC
MAJ	Richards	Robert Charles	OC	DFSU - SYD	DFSU
MAJ1997					
MAJ	Ashton	Dean Jamie Rowan	SO2 (PLANS)	PERS LIAB	AHQ
MAJ	Carter	Gavin James	SO2 (DOCTRINE)	DOC CELL	LWDC
MAJ	Gee	Cameron Daniel	SO2 (PLANS)	G5	LHQ
MAJ	Nichols	Terry Mark	2IC	2IC TAC	8/12 MDM
MAJ	Seabrook	Kelvin Stuart	SO2 (TRG PROG)	TRG PROG	HQ TC-A
MAJ	Webb	Jeremy John Charles	SO2 (GBAD)	G03	LHQ
MAJ1998					
MAJ	Crawford	Robert James	INSTR	CBT COMD	CATC
MAJ	Garrad	Andrew Warren	ARTY ADVIS	MALAYSIA	STRAT&INT
MAJ	Light	Gary Maurice	SO2 (SIM)	US25	ASARMY O/S
MAJ	McKay	Paul Denis	SOAD	LAND COMBAT	CAPSYS
MAJ	Palmer	Grant Norman	TRG DEV OFFR	TRAINING	ADFWC
MAJ	Straume	Andrew Elmar Richard	GLO	67 GL SECT	1 GL GP

W/Rank	Surname	First Names	Appointment	Department	Unit
MAJ1999					
MAJ	Cooke	Jason Leonard Maxwell	BC	HQ BTY	2/10 FD RE
MAJ	Dobbs	Peter Ernest	SO2 (PERS)	PERS SECT	16 BDE AVN
MAJ	Floyd	Nicholas Henry Bernard	STUD ACSC	ACSC	LTS
MAJ	Harding	Shaun Edward	PROJ MNGR	LWSLMD	LANDSYSTEM
MAJ	Jones	Matthew David	2IC	RCP	4 FD REGT
MAJ	Kostadinovic	Aleksandar	SO2 (PERS)	WHS DISTN	JLOGCOMD
MAJ	Lawes	Inger Steven	SO2 (CONCEPTS)	CONCEPTS	LWDC
MAJ	Overheu	Richard William	STUD ACSC	ACSC	LTS
MAJ	Richards	Paul Stephen	SO2 (PERS)	PERS SECT	HQ TC-A
MAJ2000					
MAJ	Bolton	Gregory Mark	ASLAV PM	LSD	STPP
MAJ	Dover	Peter Kevin	SO2 (EXCON)	OPFOR	
MAJ	Furini	Craig Dennis	SO2	UK 8/22	ASARMY O/S
MAJ	Griggs	Timothy David	CA (ARTY/MP)	CAG	DOCM-A
MAJ	McIntosh	Stuart Andrew	INSTR	UK 8/20	ASARMY O/S
MAJ	McIntyre	Anthony Paul	STUD ACSC	ACSC	LTS
MAJ	Meekan	Geoffrey Noel	J35	ACTIVITIES	SDD
MAJ	Plummer	Marc Jeffrey	JP117 PM	SESSPO	LCCSB
MAJ	Quaglia	Simon Maxwell Peter	SO2 (CORPS)	RAA HOC	CATC
MAJ	Randall	Paul Edward	SI	GBAD WG	CATC
MAJ	Ryan	Sean Thomas	SOFS	LAND COMBAT	CAPSYS
MAJ	Summersby	Steven Andrew	STUD S&WC	S&WCO/S	LTS
MAJ	West	Christopher Robert Lawson	2IC	OF SPT DIV	ACATC
MAJ	Wilton	David Howard Ross	SO2 (OPS)	OPS WG	HQ RMC-A

W/Rank	Surname	First Names	Appointment	Department	Unit
MAJ2001					
MAJ	Combes	Andrew James	OPS OFFR	BDE JOSCC	4 FD REGT
MAJ	Hawke	Brian Nolan	BC	BN JOSCC	A FD BTY
MAJ	Kenny	Stuart Nicholas	BC	BN JOSCC	4 FD REGT
MAJ	Kirkby	Jason John	SO2 (S/S)	LAND	DJFHQ
MAJ	Loynes	Nathan James	BC	POOL POSNS	131 STABTY
MAJ	Mclean	John Brendan	STUD S&W/C	S&W/C SING	LTS
MAJ	Narramore	Denis Raymond	QM (ADVISOR)	OP SPT	LHQ
MAJ	Pearce	Dean Stephen	STUD ACSC	ACSC	LTS
MAJ	Smith	Warren James	SI	FS W/G	CATC
MAJ	Sweeney	Neil Thomas	BC	101 MDM	8/12 MDM
MAJ	Thomas	Griffith Charles	BC	105 BTY	1 FD REGT
MAJ2002					
MAJ	Crowe	David John	OC	JOSCC	4 RAR CDO
MAJ	Deasy	Mark Patrick	OC	EAST TIMOR	STRAT&INT
MAJ	Dougall	John Angus	ASOPS	TACJP129	DMO
MAJ	Geaney	Damien John	BC	AD BTY HQ	16 AD REGT
MAJ	Goltz	Jeffrey Shane	GLO	70 GL SECT	1 GL GP
MAJ	Grace	Simon Michael	NINOX PM	SESSPO	LCCSB
MAJ	Haebich	Andrew Mark	AREGP	UN MLO	OP CITADEL
MAJ	Hamsey	Russell Wayne	SI	SURVL & TA	CATC
MAJ	Kennedy	Michael Robert Carver	BC	BN JOSCC	4 FD REGT
MAJ	Mangin	Kane Antony	STUD ATSOC	ATSOC	LTS
MAJ	Marshall	Glen Lewis	OCL&MS	MILSKILLS	EDPOL&SERV
MAJ	Monks	Peter David	SO2 (OFF SPT)	G03	LHQ
MAJ	Pearse	Tony Stuart	SO2 (OPS)	P&E GROUP	JLOGCOMD
MAJ	Pratt	Rory Edward	OBS/TRAINE	OBS TRG TM	CTC
MAJ	Taylor	Mathew James	2IC	REC TRG PL	ARTC
MAJ	Watson	Mark Adrian John	SO2 (OFF SPT)	OS & GBAD	LWDC

W/Rank	Surname	First Names	Appointment	Department	Unit
<hr/>					
MAJ2002					
MAJ	Webbe	Michael John Pascoe	BC	AD BTY LT	16 AD REGT
MAJ	Weller	Charles Peter Howard	BC	BN JOSCC	4 FD REGT
MAJ	Wood	Brandon Ashley	BC	HQ BTY	8/12 MDM
<hr/>					
MAJ2003					
MAJ	Ahern	Michael Rodney	OC & PROOF	P&EE PT WAKEFIELD	JALO
MAJ	Cossart	Ian Keith	2IC	2IC TAC	1 FD REGT
MAJ	Harvey	Robert Andrew Marshall	BC	HQ BTY	1 FD REGT
MAJ	Lun	Patrick Mark	LO	POOL POSN	OP CITADEL
MAJ	Middleton	Malcolm Welsh	INSTR	STAFF TRG	HQ RTC
MAJ	Tucker	Daniel William	LO	US11	ASARMY O/S
<hr/>					
CAPT1993					
CAPT	Ardley	Brian Matthew	SO3 (OPS)	OPS/COORD	RTC (NT)
<hr/>					
CAPT1996					
CAPT	Lo Schiavo	John Phillip	SO3 (OPS)	LAND	HQ 2 DIV
<hr/>					
CAPT1998					
CAPT	Crijns	Paul Wayne	ADJT	REGT CP	8/12 MDM
CAPT	Ellul	Joseph Kevin	GLO	69 GL SECT	1 GL GP
CAPT	Fehilberg	Adam Paul	ADJT	RCP	4 FD REGT
CAPT	Finnerty	Matthew John	SO3 (DOCTRINE)	DOC CELL	LWDC
CAPT	Kelly	David John	SO2 (IA)	INT ACT	HQ TC-A
CAPT	Langford	Andrew Richard	SO3 (PERS/LOG)	PERS/LOG	RTC (VIC)
CAPT	Mallett	Douglas William	STUD ATSOC	ATSOC	LTS
CAPT	McPhee	Glenn Edward	AREGP	LHQ	LHQ

W/Rank	Surname	First Names	Appointment	Department	Unit
CAPT1998 (CONT'D)					
CAPT	Ross	Jason Damian	BTY COMD	53 BTY	CATC
CAPT	Shearman	Robert John	SO3 (FACY)	JLOG	HQ 2 DIV
CAPT	Stephens	David Barrington	SO3 (PLANS)	ASNCE	OP CITADEL
CAPT	Vagg	Richard Anthony	INSTR	SYN 6	RMC-D
CAPT	Watson	Richard Henry	OPS OFFR	RHQ TAC	16 AD REGT
CAPT1999					
CAPT	Edwards	David Mark	REGT OFFR	OP OSIER	MOC
CAPT	Ellson	David Arthur Leonard	ADJT	RCP	23 FD REGT
CAPT	Fry	John Victor	BTY CAPT	AD BTY HQ	16 AD REGT
CAPT	Hawkins	Robert Simon	SO3 (LAND)	LANDOPS	HQORCOM
CAPT	Lopsik	Timothy John	INSTR	US36	ASARMY O/S
CAPT	Mallett	Stuart James	INSTR	SENIOR CSE	ACATC
CAPT	Poy	Nathan Joseph	OPS OFFR	OPERATIONS	131 STABTY
CAPT	Wendt	Arlen Henry	FO	JOST 2	8/12 MDM
CAPT	Worsley	Adam James	SO3 CM	PERS OPS	SCMA
CAPT2000					
CAPT	Anderson	Matthew Leslie	ADJT	RCP	1 FD REGT
CAPT	Ashton	Jeffrey Donald	INSTR	TGT ENGAGE	CATC
CAPT	Bolton	Nicholas Kieth	FO	JOST 3	48 FD BTY
CAPT	Burg	Lachlan D'Arcy William	SO3 (PERS)	PERS CELL	CATC
CAPT	Cassar	Grant Charles	INSTR (GNY)	G03	LHQ
CAPT	Crawford	Leigh Scott	INSTR	RECON EMPL	CATC
CAPT	Dudycz	George Michael	SOE(A)1	DDE(A)	PP
CAPT	Duncan	Paul Barry Matthew	BTY CAPT	RECON	4 FD REGT
CAPT	Galvin	Bede Thomas	ZIC	II CLASS	RMC-D

W/Rank	Surname	First Names	Appointment	Department	Unit
CAPT2000 (CONT'D)					
CAPT	Greenwood	Scott Gordon	BTY CAPT	AD BTY LT	16 AD REGT
CAPT	Hill	Damian John	SO3 (S/S)	LAND	DJFHQ
CAPT	Hunter	Mathew James	OPS OFFR	CURR OPS	HQ 3 BDE
MAJ	Keogh	Andrew Michael	ADJT	RCP	7 FD REGT
CAPT	Jung	Brian Heinz	SO3 (DOCTRINE)	DOC CELL	LWDC
CAPT	Kerr	James Forsyth	ADJT	PERS/LOG	CATC
CAPT	Mott	Steven George Thomas	REGT OFFR	OP OSIER	OPP
CAPT	Simmonds	Alastair Guy Gardner	SO3 (EXCON)	OPFOR	
CAPT	Slattery	Micheal James	AREGP	2/10 MDM	2/10 MDM
CAPT	Weinert	Adam	REG EME	SESSPO	LCCSB
CAPT	White	Bernard Velarde	ADJT	RHQ MAIN	16 AD REGT
CAPT2001					
CAPT	Berry	Nicholas Gerard	SO3 (TGT)	JOINT TRG	DJFHQ
CAPT	Collins	Justin Mathew	CIVIL AFFA	CMC CELL	HQ 3 BDE
CAPT	Cross	Michael William	ADJT	REGT JOSCC	2/10 FD REGT
CAPT	Fletcher	Scott Jason	INSTR	FD ARTY TM	CATC
CAPT	Foxall	Nicholas James	BTY CAPT	RECON	4 FD REGT
CAPT	Francis	William James	BTY CAPT	RECON	4 FD REGT
CAPT	Griffiths	David Boyce	ADJT	RCP	ARMY
CAPT	Hain	Karl David	SO3 (PERS)	INVOLUNTAR	SCMA
CAPT	Howell	Andrew Scott	FO	JOST	4 RAR CDO
CAPT	Jackson	Edward Morley	SO3 (OPS SPT)	OPS	HQ TC-A
CAPT	Kellaway	Brendan	STUD GEN TRG	GEN TRG UK	LTS
CAPT	Kelly	Joseph Bede	FO	JOST 1	8/12 MDM
CAPT	Lamont	Stephen Wayne	INSTR	TA TM	CATC
CAPT	Lee	Mark John	BTY CAPT	BTY RECON	4 FD REGT
CAPT	Mouthaan	Richard Alexander	SO3 (PERS)	JPERS	DJFHQ

W/Rank	Surname	First Names	Appointment	Department	Unit
CAPT2001 (CONTD)					
CAPT	Searle	Lachlan Fletcher	FO	JOST 1	A FD BTY
CAPT	Tierney	Robert Matthew	FO	JOST 1	1 FD REGT
CAPT	Underwood	Russell Keith	TP COMD	WPN LOC 1	131 LOC
CAPT	West	Julian James	FO	JOST 3	16 FD BTY
CAPT	Winter	Paul David	BTY CAPT	BTY RECON	8/12 MDM
CAPT2002					
CAPT	Callaghan	Andrew Michael	FO	JOST 1	4 FD REGT
CAPT	Fisher	Neil Gavin	TRG DEV OFFR	ARMED TRG	CATC
CAPT	Ford	Brett Jason Eric	BTY CAPT	RECON	1 FD REGT
CAPT	Furman	Antoni Gregory	AREGP	UN MLO	OP CITADEL
CAPT	Grant	Peter Charles	TP COMD	RBS-70 SAM	16 AD REGT
CAPT	Hamilton	Christian Lee	TP COMD	RBS-70 SAM	16 AD REGT
CAPT	Hartas	Michael Roger	ADJT	RCP	7 FD BTY
CAPT	Johnson	Daryl Robert	TRG DEV OFFR	TD SECT	RMC-D
CAPT	Lang	Roderick Lindsay	TP COMD	CIS CELL	131 STABTY
CAPT	Meakin	Peter John	FO	JOST 3	4 FD REGT
CAPT	Moore	Ronald Peter	FO	JOST 2	8/12 MDM
CAPT	Opie	Rhyl Evan	OPS OFFR	OPS CELL	HQ 9 BDE
CAPT	Patterson	Daimien Joshua	BTY CAPT	BTY RECON	8/12 MDM
CAPT	Payne	Alwyn Joseph	FO	JOST 2	1 FD REGT
CAPT	Robinson	Daniel Peter	ASST OPSO	BDE JOSCC	4 FD REGT
CAPT	Spencer	Cameron Murray	FO	JOST 3	4 FD REGT
CAPT	Talbot	Christopher Kevin	OPS OFFR	OPS/COORD	RTC (TAS)
CAPT	Turnbull	Daryl John	TRG DEV OFFR	ARTY TRG	CATC
CAPT	Ullin	Nicholas Sebastian	AREGP	ADFRU-SYD	DFR-NSW
CAPT	Wilson	Nicholas	INSTR	SYN 2	RMC-D

W/Rank	Surname	First Names	Appointment	Department	Unit
CAPT2003					
CAPT	Bertocchi	Piero Eros	FO	JOST 3	8/12 MDM
CAPT	Dunbar	Adam Arthur Hardy	FO	JOST 2	4 FD REGT
CAPT	Glatz	Steven Edward	CP OFFR	BTY CP	16 AD REGT
CAPT	Hunter	Simon John	FO	JOST 2	4 FD REGT
CAPT	Lennon	Glenn Terence	FO	JOST 3	8/12 MDM
CAPT	Lyons	Darryl James	QM	SPT TP	131 STABTY
CAPT	Manoel	Paul Bernard	INSTR	TGT ENGAGE	CATC
CAPT	Mcfarlane	Angus Hugh	TP COMD	RBS-70 SAM	16 AD REGT
CAPT	Parker	Peter Kenneth	FO	JOST 3	4 FD REGT
CAPT	Shillabeer	Corey Jason	ASST OPSO	RHQ TAC	16 AD REGT
CAPT	Silver	Steven James	ASST OPSO	BDE JOSCC	1 FD REGT
CAPT	Spencer	Jolyon Millard	FO	JOST 2	4 FD REGT
CAPT	Wakeling	Timothy Craig	FO	JOST 2	1 FD REGT
CAPT	Wynen	Brenton Dale	FO	JOST 4	8/12 MDM
CAPT	Taylor	Alexander Edward Lisle	PL COMD	5 PL	ARTC
LT1996					
LT	Gordon	Dean Maxwell	DUTY OPS OFFR	RCP	4 FD REGT
LT	Newman	Peter John	TP COMD	GUNLINE TP	4 FD REGT
LT1998					
LT	Freeman	Derek Charles	SECT COMD	SURVL TP	131 STABTY
LT1999					
LT	Carew	David Alan	SECT COMD	RADAR 1	131 LOC
LT	Simson	Richard Shannon	SO3 (TRG)	OP POMELO	MOC

W/Rank	Surname	First Names	Appointment	Department	Unit
<i>LT2000</i>					
LT	Bibby	Matthew John	SECT COMD	GUN SECT	CATC
LT	Bolton	Joshua Lincoln	GPO	CP 1	A FD BTY
LT	Cairnes	Daniel Leigh	TP COMD	GUNLINE	8/12 MDM
LT	Cheeseman	Alex	LO	COMD	HQ 1 BDE
LT	Clarke	Cameron John	TP COMD	MISL TP HQ	16 AD REGT
LT	Daws	Paul	TP COMD	GUN SECT	8/12 MDM
LT	Harvey	William Luke	FO	BDE JOST 1	4 FD REGT
LT	Hickey	Phillip John	FO	JOST 1	4 FD REGT
LT	Klomp	David Michael	TP COMD	GUNLINE TP	4 FD REGT
LT	Laughton	Nathan Charles	SIGS OFFR	REGT CP	8/12 MDM
LT	Lehmann	Scott Laurence	GPO	CP 1	1 FD REGT
LT	Lindsay	Raymond Donald	FO	JOST 4	8/12 MDM
LT	Ryan	David Andrew	GPO	RESID/TRAN	1 FD REGT
LT	Shanasy	Eugene O'Day	TP COMD	GUNLINE TP	4 FD REGT
LT	White	Andrew Barry	ASST GPO	GUN SECT	CATC
LT	Wright	Ashley	2IC	B COY HQ	ARTC
<i>LT2001</i>					
LT	Anderson	Duncan	TP COMD	GUNLINE TP	4 FD REGT
LT	Coles	Martin Lloyd	RECCE OFFR	BTY CP 1	1 FD REGT
LT	Fisk	Shaun Michael	TP COMD	GUN SECT	8/12 MDM
LT	Graham	Daniel Phillip	TP COMD	GUN SECT	8/12 MDM
LT	Griffin	Lachlan David	GPO	CP 1	CATC
LT	James	Stuart Rodney	TP COMD	GUNLINE TP	A FD BTY
LT	McGregor	Travis Ethan	FO	BDE JOST 2	4 FD REGT
LT	Ryan	Robert John	FIRE SPT OFFR	BN JOSCC	4 FD REGT
LT	Slinger	Charles Christian	CP OFFR	TP CP	16 AD REGT
LT	Stack	Paul Andrew	GPO	CP 1	4 FD REGT
LT	Taylor	Justin Craig	ARTY CON	AADLO	16 AD REGT

W/Rank	Surname	First Names	Appointment	Department	Unit
LT2002					
LT	Barrow	Ryan Ronald	FIRE SPT OFFR	BN JOSCC	4 FD REGT
LT	Bridge	Andrew	GPO	CP 1	4 FD REGT
LT	Dullroy	Ben Fredrick	IO	CO	1 FD REGT
LT	Hompas	Simon Alexander	TP COMD	GUNLINE TP	4 FD REGT
LT	Jones	Mathew	ARMY REG P	CADETSARMY	ADEFA
LT	Schieb	Jeremy Allen	DUTY OPSO	RCP	4 FD REGT
LT	Suttor	Andrew John	IO	CO TAC	8/12 MDM
LT2003					
LT	Wheatley	Joseph Rayner	SVY OFFR	AMS SECT	4 FD REGT
LT	Allan	Peter Andrew	GPO	CP 1	8/12 MDM
LT	Bryden	Stuart Thomas	ARTY CON	ARMY CON	16 AD REGT
LT	Georgeson	Luke James	TP COMD	MISL TP HQ	16 AD REGT
LT	Jeong	Il-Kwon	IO	CO TAC	8/12 MDM
LT	King	Christopher James	CP OFFR	TP CP	16 AD REGT
LT	Silverstone	David	GPO	CP 1	8/12 MDM
2LT2001					
2LT	Harper	Jonathan Wayne	CP OFFR	TP CP	16 AD REGT

Full-Time WO and SNCO List

RSM Postings

WO1 Biggs, Ian David	RTC (NQ)
WO1 Bowman, Dennis Wayne	RTC (SQ)
WO1 Callaghan, Darren Blain	LHQ
WO1 Degenaro, William John	SCMA
WO1 Dunne, Ronald Desmond	STRAT&INT
WO1 Gardiner, Ian	ARTC
WO1 Gowling, Martin Hamilton	CATC
WO1 Hansen, Jeffrey Stephen	CATC
WO1 Jones, David Avery	16 AD
WO1 Kelly, Darryl John	HQ 1 BDE
WO1 Kilgour, Ian	RTC (NQ)
WO1 Kyrwood, Barry Colin	2/10 FD RE
WO1 Matthysen, Philip Arthur	4 FD
WO1 Metcalf, Gregory David	JALO
WO1 Nolan, Terrence Michael	JALO
WO1 Parker, Wayne Lee	HQ 8 BDE
WO1 Singh, Bobby Dharendra	23 FD
WO1 Tauletta, Maurice	1 FD
WO1 Thompson, Robert James	7 FD
WO1 Van Oppen, Rene	131 STABTY
WO1 Washford, Paul Thomas	CATC
WO1 Watego, Colin Francies John	8/12 MDM

WO2 Postings

WO2 Allibon-Burns, Gordon John MacInnes	8/12 MDM
WO2 Andersen, Richard Enghave	CATC
WO2 Armstrong, Brett Laurence	RTC (NQ)
WO2 Armstrong, Peter Joseph	16 AD
WO2 Aspden, Troy Douglas	16 AD
WO2 Baldock, Stephen Ronald	16 AD
WO2 Beddome, Raymond Lester	DFR-QLD
WO2 Biering, Bernd	1 FD
WO2 Black, Steven John	RTC (NSW)
WO2 Blaxland, Michael Ronald	NOD
WO2 Boyce, Grant Leigh	CATC
WO2 Boyd, Steven Lee	4 FD
WO2 Briers, Philip Jeffrey	CATC

WO2 Byrne, Thomas Alan	1 FD
WO2 Bywaters, Peter Michael	16 AD
WO2 Cannon, Paul Henry John	4 FD
WO2 Carter, David Charles	4 FD
WO2 Carthew, Peter Allan	2/10 FD
WO2 Chalker, Anthony William	CATC
WO2 Charles, Anthony John	CATC
WO2 Churches, Craig Anthony	DFR-QLD
WO2 Clayton, Mark Reginald	16 AD
WO2 Clifford, Craig Keiran	23 FD
WO2 Crawford, Stephen John	AHU
WO2 Crout, Clint Anthony	LWDC
WO2 Dailey, Neil William	AHU
WO2 Davies, Gregory John	8/12 MDM
WO2 Deeble, Darren John	7 FD
WO2 Dix, Anthony Keith	CATC
WO2 Evans, Geoffrey Dallas	HQ TC-A
WO2 Fabri, Joseph	CATC
WO2 Flavel, Christopher William	131 STABTY
WO2 Franklin, Brett Anthony	ARMY
WO2 Goold, Andrew Garth	16 AD
WO2 Gray, Michael James	48 FD BTY
WO2 Grundell, David Ramon	2/10 FD
WO2 Hains, Gregory Paul	NOD
WO2 Hall, Keith Clayton	7 FD
WO2 Heine, Mitchell Robert	LWDC
WO2 Herrick, Michael Francis	CATC
WO2 Hicks, Douglas John	NOD
WO2 Holstein, Paul Geoffrey	RMC-D
WO2 Hooker, Howard James	LWDC
WO2 Hortle, Anthony Maxwell	CATC
WO2 Johansen, Kim Allan Raymond	1 FD
WO2 Johnson, Michael Ian	CATC
WO2 Johnston, Mark Anthony	RTC (NQ)
WO2 Kelly, Michael	CATC
WO2 Kennedy, Peter Theo	NOD
WO2 Kennedy, Tony Lionel	CATC
WO2 Kirkett, Anthony Ronald	4 RAR CDO

WO2 Postings (continued)

WO2 Kristan, David Francis	CATC
WO2 Larter, David Edwin	NOD
WO2 Leech, Shaun Graham	JALO
WO2 Lehr, David Ross	4 FD
WO2 Lentfer, Lynn	7 FD
WO2 Lucas, Mark James	16 AD
WO2 Macey, Timothy Lawrence	NOD
WO2 Mayfield, Christopher Walton	4 FD
WO2 McConnell, Jeffrey John Samuel	CATC
WO2 McGarry, David Thomas	8/12 MDM
WO2 McGinley, Daniel Mark	ARTC
WO2 McLellan, Peter Robert	NOD
WO2 Meester, Peter Anthony	CATC
WO2 Mitchell, Gordon John	RTC (SQ)
WO2 Moore, Christopher John	CATC
WO2 Morland, Rodney John	8/12 MDM
WO2 Morse, Stephen John	CATC
WO2 Ogden, David George	131 STABTY
WO2 Osmond, Gordon Robert Lee	16 FD BTY
WO2 Phillips, Mark Gregory	CATC
WO2 Pine, Westley	RTC (SA)
WO2 Potter, Glynn Mervyn	CATC
WO2 Rayment, David Thomas	4 FD
WO2 Reddy, Michael	ASARMY O/S
WO2 Richards, Clayton Anthony	23 FD
WO2 Riley, Simon William	1 FD
WO2 Ritchie, Lawrence Vincent	LWDC
WO2 Robertson, Philip Murray	8/12 MDM
WO2 Ryan, Glenn Michael	7 FD
WO2 Saville, Dale Bruce	23 FD
WO2 Simic, Peter Michael	ADFA
WO2 Sinclair, Dean Joseph	1 FD
WO2 Skelton, Raymond Noel	131 STABTY
WO2 Smith, Kenneth James	VCDF
WO2 Smith, Matthew Troy	4 FD
WO2 Southam, Nigel	VCDF
WO2 Sullivan, Matthew James	7 FD BTY
WO2 Sutcliffe, Gary Matthew	4 FD
WO2 Thompson, Geoffrey Charles	16 AD
WO2 Torney, Ronald James	16 AD
WO2 Triffett, Craig Stephen	CATC
WO2 Turner, Wayne Graeme	RTC (SQ)
WO2 Voss, Sean John	131 STABTY
WO2 Warren, David Ian	8/12 MDM
WO2 Westcott, John David	16 AD
WO2 Westcott, Peter Adrian	CATC
WO2 Whetton, Christopher	VCDF

WO2 Whish, Trevor John	CATC
WO2 Williams, Kevin John	1 FD
WO2 Willson, Martin Keith	RTC (SA)
WO2 Wilson, Michael Howard	JALO
WO2 Wilson, Steven Patrick	4 FD
WO2 Yanner, Colin John	CATC

SGT Postings

SGT Aitken, Robert Charles	7 FD BTY
SGT Allen, Kym David	NOD
SGT Armstrong, Ian David	RMC-D
SGT Baker, Stuart James	RMC-D
SGT Baxter, Peter John	CATC
SGT Bennett, David Andrew	4 FD
SGT Birse, Dean Neville	8/12 MDM
SGT Bock, Gregory John	4 FD
SGT Boswell, Paul Robert	4 FD
SGT Bowman, Leslie Jon	ARTC
SGT Brackin, Stephen Thomas	CATC
SGT Broughton, Maurice	CATC
SGT Brown, Jason Andrew	8/12 MDM
SGT Brown, Stuart Arthur Frank	1 FD
SGT Burgess, Christopher Robin	16 AD
SGT Buxton, Shaun William	4 FD
SGT Chapman, Paul John	CATC
SGT Chilcott, Gene Trevor	4 FD
SGT Clark, Paul Laurence	CATC
SGT Clemence, Paul Robert	8/12 MDM
SGT Cole, Nathan	4 FD
SGT Cresta, Frank	8/12 MDM
SGT Crump, Andrew George	4 FD
SGT Devlin, Kieran Michael	RMC-D
SGT Dewar, Michael Scott	16 AD
SGT Dimond, Gavin William	8/12 MDM
SGT Duffy, Gordon Alexander	8/12 MDM
SGT Dunkley, Aaron John	RTC (VIC)
SGT Egart, Peter John	CATC
SGT English, Peter Graham	CATC
SGT Flitton, Andrew Scott	CATC
SGT Fogg, Jamie Andrew	4 FD
SGT Forrest, Gregory Alan James	48 FD BTY
SGT Fox, Brendan John	RMC-D
SGT Franklin, Andrew Eric	CATC
SGT Free, Darrin Scott	CATC
SGT Friend, Donald Charles	23 FD
SGT Galloway, Paul	8/12 MDM
SGT Gaythwaite, William Kevin Johannes	16 AD

SGT Postings (continued)

SGT Glover, Rodney Stephen	4 FD	SGT Pepper, Timothy James	16 AD
SGT Graham, Shaun	ADFA	SGT Perry, Jonathon Lonsdale	DFR-QLD
SGT Harrison, Royden James	16 AD	SGT Pitt, Mark Anthony	1 FD
SGT Hawkett, Dion Jay	4 FD	SGT Pollard, Daniel Hugh	CATC
SGT Hay, Reece Thomas Barry	131 STABTY	SGT Pollard, Peter John	RTC (SQ)
SGT Heinrich, Michael Peter	8/12 MDM	SGT Porter, John Anthony	CATC
SGT Henneberry, Mark Frederick	8/12 MDM	SGT Powell, David William	4 FD
SGT Henning, Gregory James	16 AD	SGT Pratt, Rowan Matthew	16 AD
SGT Hodson, Bernard Roy	4 FD	SGT Quinn, James Anthony	CTC
SGT Hogg, Gary David	4 FD	SGT Rappard, Steven Hendrik	4 FD
SGT Holmes, Peter Scott	8/12 MDM	SGT Roberts, James Michael	ADFA
SGT Houldsworth, Steven Shane	4 FD	SGT Robertson, Struan Campbell	131 STABTY
SGT Humphrey, Miles Matthew	CATC	SGT Rodgers, Daren Lee	PTS
SGT Jarvis, Jason Graeme	16 AD	SGT Rule, Andrew Lloyd	CTC
SGT Johnson, Carl	NOD	SGT Rynkiewicz, Glen	CATC
SGT Johnston, Michael Anthony	JALO	SGT Sackley, Andrew Edward	16 FD BTY
SGT Johnston, Paul Vernon	4 FD	SGT Saint, Gerard Vincent Joseph	1 FD
SGT Keith, Wayne	1 FD	SGT Salter, Troy Alan	4 FD
SGT King, Dean Andrew	DFR-VIC	SGT Scheidl, Markus	CATC
SGT King, Namron Clinton Edward	ALTC	SGT Schuman, Stephen James	RTC (NT)
SGT Kirvan, Daniel Barclay	16 AD	SGT Scott, Aaron Foy	CATC
SGT Legg, Owen William Elliot	DFR-NSW	SGT Skett, James	16 AD
SGT Lindsay, Damien Paul	4 FD	SGT Smit, Donald	4 FD
SGT Lowe, Jon Scott	7 FD	SGT Spiridonov, Brendan Jamie	ARTC
SGT Mason, Derek James	CATC	SGT Sten, Jason Edward	NOD
SGT Matoga, Curt Joseph	NOD	SGT Sund, Keith Stevenson	1 FD
SGT McIntyre, Brenden Robert	RMC-D	SGT Swan, Shane William	1 FD
SGT McMillan, Paul Andrew	8/12 MDM	SGT Sylvester, Paul John George Richard	ARTC
SGT McRae, Dion Nigel	RMC-D	SGT Temete, Philip Arthur	1 FD
SGT Millington, Joseph Ronald	4 FD	SGT Theiss, Dennis Herbert	4 FD
SGT Mlikota, Mark Vincent	16 AD	SGT Thomas, Brett Ronald	CATC
SGT Mlikota, Stephen	16 AD	SGT Thompson, Simon Peter	4 RAR CDO
SGT Morris, Anthony John	7 FD BTY	SGT Troy, Michael John	CATC
SGT Morris, Wayne Terrance	CATC	SGT Turner, Robin Paul	4 FD
SGT Morrison, Donald Angus	CATC	SGT Verco, Benjamin Luke	FED GUARD
SGT Mount, Michael Leslie	4 FD	SGT Vicars, Philip John	CATC
SGT Murphy, Graham David	131 STABTY	SGT Voormeulen, Martyn Anthony Jacobus	CATC
SGT Nutini, David	4 FD	SGT Wallace, Geoffrey Neil	4 FD
SGT O'Connell, George Daniel	RMC-D	SGT Walton, Dean Ronald	8/12 MDM
SGT O'Donnell, Colin Patrick	16 AD	SGT Whitwam, Terrence Patrick	FED GUARD
SGT O'Donnell, Michael John	8/12 MDM	SGT Williamson, Paul Anthony	8/12 MDM
SGT O'Leary, Kym Michael	CATC	SGT Witt, Kelly Robert	16 AD
SGT Organ, Toby	CATC	SGT Wooldrage, Glen Reid	ARTC
SGT Parkes, James Terrence	CATC	SGT Worcester, David Edward	16 AD
SGT Parkinson, Michael James	131 STABTY		
SGT Payne, Sean Gregory	ARTC		
SGT Pearce, Jason Patrick	ARTC		

Part-Time Officer, WO and SNCO List

48th Field Battery

MAJ W. Kierns
CAPT W.C. Cope
CAPT D.M. Harvie
CAPT M.J. Locke
CHAP J.W. Miegel
LT S.M. Calvert
LT J.R. Lawlor
LT R.M. Love
LT A.R. Oliver
2LT P.J. Wirth
WO2 R.K. Topperwien
SSGT C.W. Mayfield
SSGT B.R. Oats
SGT R.J. MacGregor
SGT T.J. Molyneux
SGT T.S. Rudd
SGT M.R. Sweet
SGT M.J. Whitton

16th Field Battery

MAJ B.H. Bastick
CAPT M.A. Badkin
CAPT G.J. Howard
LT A.G. Chilcott
LT R.F. Nusse
WO2 S.E. Clarke
SGT S.J. Cathcart
SGT A.S. Chandler
SGT S.G. Denman
SGT W.J. Lazarus
SGT T.J. Stewart

OPERATIONS UPDATE

*from the LCARTY Situation Report
February/March 2003*

Gunners remain involved in various operations abroad. Brief updates are outlined below.

4th Field Regiment

The Regiment has one person deployed in Bougainville and three in East Timor.

16th Air Defence Regiment

The Regiment continues to be involved in a wide range of commitments, both operationally and otherwise. The first highlight for the year was the farewell for the RBS-70 Troop on HMAS Kanimbla on 23th January 2003 from Sydney (see front cover). The Prime Minister and Chief of the Defence Force joined loved ones to bid the ship and crew farewell. This will be the third rotation as part of Australia's commitment to the International Campaign Against Terrorism.

Currently another group of 16th Air Defence Regiment lads is providing assistance to OP Relex Two. By all reports, they are doing extremely well in an unfamiliar role having left in early January without fanfare. This typifies the diversity of roles that many personnel have been expected to fulfil and the level of professionalism displayed has been very high.

131st Surveillance and Target Acquisition Battery

The Battery currently has 50 personnel deployed on Operation Relex Two. These members are expected to return to Australia over the period April / May.

Individual Deployments

Major Tony Thwaites is serving overseas as part of Operation Falconer.

Major Todd Vercoe is currently an UNMO in East Timor as part of Operation Citadel.

Captain Glenn McPhee has deployed to the Golan Heights as a UN Observer with UNTSO from February 2003.

Captain Steve Mott has deployed on Operation Osier and is currently undertaking pre-deployment training prior to deploying to Bosnia.

Individual Deployments (Continued)

The following personnel have deployed on (Operation Mazurka) Multi National Force and Observer (MFO) Sinai, Egypt:

- Lieutenant Colonel Tim Pickford has deployed as the Deputy Chief of Staff and Commanding Officer of the Australian Contingent, he is due to return to Australia in December 2003.
- Sergeant Brendan Fox has deployed as a Security Sergeant, he is due to return to Australia in April.
- Sergeant Paul Chapman has deployed as the tours NCO, he is due to return to Australia in July.
- Sergeant Andy Franklin has deployed is part of the Force Operations Centre, he is also due to return to Australia in July.

PROFESSIONAL PAPER

**By Lieutenant Colonel W.N. Jones,
Commanding Officer, 4th Field Regiment**

COORDINATION OF OFFENSIVE SUPPORT FOR THE LIGHT INFANTRY ASSAULTS IN 3 BRIGADE

Introduction

Military experience around the world since 1991 demonstrates an increasing dependence on light forces to perform a wide range of tasks across the spectrum of conflict. The Australian experience in this period reflects this trend. It is not difficult to envisage that in either Somalia, Rwanda or East Timor Australian soldiers could have found themselves in more substantial contacts than actually eventuated. If we accept this then we should examine as a very credible scenario the potential for 3rd Brigade to have its elements involved in attacks up to battalion level. In turn this obligates an examination of how we conduct the various stages of the attack, in particular the assault.

The notion of the combined arms team being required to conduct operations is well established and no less important for such an infantry-focussed activity as the assault. Our current doctrine, however, is based on the experiences and weapon systems of the first half of the 20th century, particularly in the First and Second World Wars. Clearly since this time there have been substantial changes in the various components of war fighting. History of course is not always a great indicator of the type of battle we will next fight, but unfortunately we do not have any recent "assault experience" at company level since Vietnam and at battalion level since Korea. While each Battlefield Operating System (BOS) has a role to play in the assault it is the synchronisation of offensive support (OS) to the other elements that is absolutely critical. Accepting the importance of the OS BOS, we must, therefore, look in detail if the current doctrine and equipment is capable of providing the level of support required allowing the infantry to stroll onto the objective and bayonet the wounded.

Aim

The aim of this paper is to identify how offensive support can best support light infantry assaults in 3 Brigade. The paper will briefly examine current techniques, equipment and procedures, but will focus on recommending changes and developments that are designed to improve capability particularly for the artillery aspects of OS.

So Who Needs Offensive Support Anyway?

Artillery was the cause of the greatest number of enemy casualties in both the First and Second World Wars, yet paradoxically due to the nature of recent conflicts, it now resides at the unfashionable end of military capabilities.¹ The perception of the indiscriminate nature of artillery has contributed to this image due to the increased focus on precision to reduce the degree of collateral damage.² History has shown that in conducting an assault the artillery is not an optional extra. Studies by DSTO have described this self-evident truth. As part of the Restructuring the Army (RTA) trials they conducted an activity known as the Tennant Creek CAEN simulation.³ This consisted of a wargame of a motorised company group attacking an enemy location in a small outback town. The wargame was repeated numerous times with different permutations of direct and indirect support. The results of these combinations are summarised in Figure 1. The circles indicate the dispersions achieved for each combination after multiple wargames. From this graph it is clear that the results of the company attack are optimised when there was a combination of CB and obscurant indirect fire support.⁴ Other combinations increased the number of own casualties and generally decreased the number of enemy casualties. The worst option being the iteration where there was no form of indirect fire support. These results are more

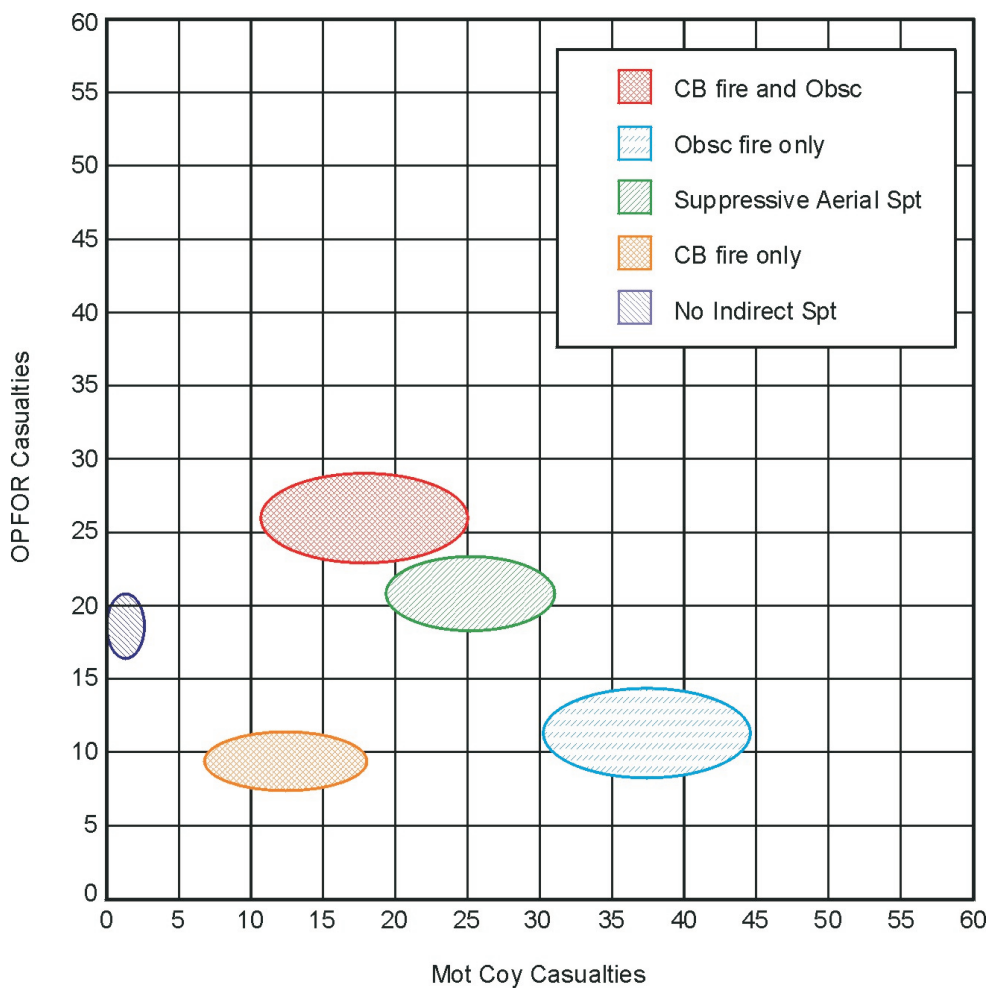


Figure 1

compelling considering that the experiments did not replicate the full OS system and only used mortars not guns. If we accept that the DSTO modelling is fundamentally correct, then we should accept that the historical lessons that confirm the same. The modelling confirms that the historical notion is not just an idea from the past, but also relates today. Quite simply if you are doing an assault, and you want to win with minimal casualties, offensive support is a necessity.

What does Offensive Support Really Do?

"The principal task of artillery in the attack is to neutralise the enemy to such an extent that our own troops can assault and hold their objectives with minimum casualties"

MLW Two, Arty I.I, Employment of Artillery

Having accepted the necessity of OS we must examine what it does in support of the assault. The current doctrine for providing OS in the assault was largely developed in the later years of the First World War⁵ and refined during the Second World War. A fireplan supporting an attack would traditionally include preparation fire, covering firing, on call targets and defensive fire (DF). Targets of opportunity could also be engaged. The preparation could include the engagement of objectives and suspected enemy counter battery and mortar targets. The aim of preparation fire is to weaken enemy resistance by disrupting his communications, disorganising his defence and neutralising his fire support and demoralise his will to fight.⁶ The aim of covering fire is to protect assaulting troops by neutralising enemy direct fire weapons which can engage friendly troops during the assault, and enemy who control artillery and mortar fire.⁷ Traditionally, the covering fire would be scheduled on a time program to correspond with predicted rates of advance. The danger with the time program has long been recognised as its rigidity as the rates of advance change in assault necessitating modifications by the observers. Alternatively targets can be engaged "on call" and engaged at the command of the observer.

Figure 2 illustrates a simple two-phase battalion attack with three company-sized objectives. Assaults would be conducted on each objective. A fire plan supporting this activity would normally consist of some preparation (pre H hour) fire (that is prior to the commencement of the assault), fire to support the assault (covering) to seize objectives 1 and 2, and fire to support the assault to seize objective 3. Covering fire would be applied until the forward troops arrived at the Last Safe Moment (LSM). The LSM is a distance that the manoeuvre commander has directed to be used as the moment he is no longer prepared to accept the risk of friendly casualties from his own indirect fire support and wishes the fire to be lifted. The determination of this distance is critical for the success of the assault as from this point the manoeuvre force is essentially on its own. The LSM is normally based on the Safe Splinter Distance. A fireplan of this type provides a simple but sound solution that allows the manoeuvre force to successfully conduct its assault. Naturally, most attacks will not be that simple.

It would be reasonable to assume that in many assaults that there would be a need for a breaching operation, though this could be conducted as a preliminary operation. Breaching operations are a complex combined arms activity that require detailed rehearsal. Fire support plays a significant role using the SOSR methodology.⁸ Firstly, OS would be used in the Suppression of enemy positions that were in

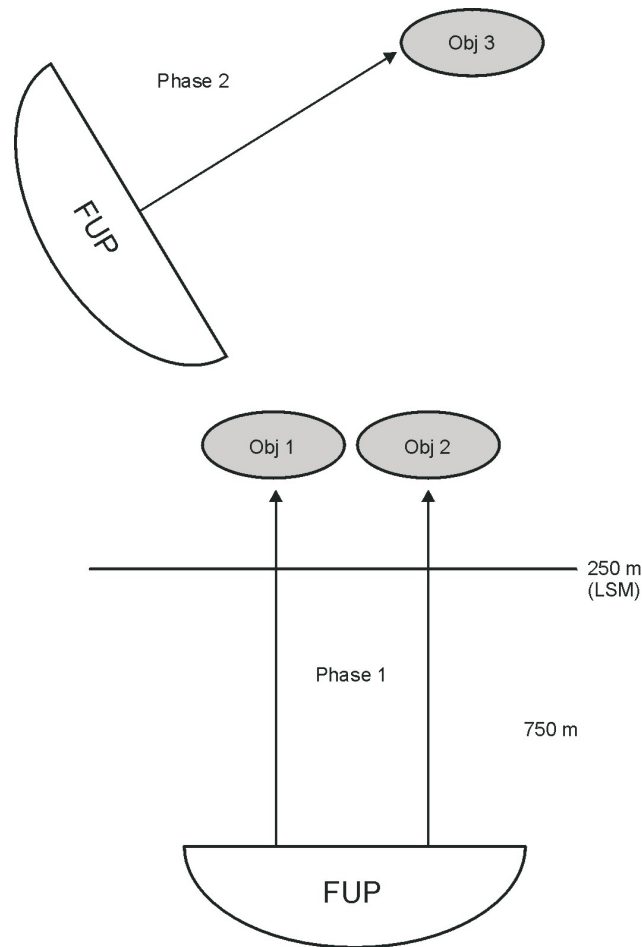


Figure 2 – A Simple Battalion Attack

overwatch positions. This would normally be conducted using a range of lethal munitions such as HE. Secondly OS would be used to Obscure the breaching ops from the enemy positions. Obscurants such as smoke or WP would be used to conduct this. The current capability would be improved if we were to obtain a bispectral capability, which would more effectively, screen later generation observation devices. The Sustain and Reduce phases would see the continuation of suppression and obscuration, with the additional engagement of opportunity targets that may effect the breaching operation. Unfortunately, peace time constraints make it difficult to conduct a combined arms live fire of this activity.

Preparation Fire and Surprise

In deciding on the use of preparation fire for an assault the manoeuvre commander has to decide whether its use compromises his requirement for surprise. There is also a limit to how much can be achieved prior to H Hour. World War One illustrated the folly of extended preparations designed to obliterate the enemy. It was discovered that there was a point of diminishing returns. A German Artillery Commander Colonel Georg Bruchmüller first reversed the trend of having week long preparations and shortened his to less than five hours, on the basis that he believed that this would have the optimal physiological effect on the enemy. A series of battles against the Russians proved his theory. This change led to a trend of shorter

preparations, which more or less continued through the Second World War. For 3 Brigade a more realistic preparation phase would be twenty minutes due to limitations on ammunition expenditure.

With the advent of laser range finders and GPS gun laying systems, the RAA is in a much better position to deliver accurate fires without the need for prior adjustment.⁹ This allows the opportunity for surprise to be maintained up until the commencement of the assault. Many factors will influence the decision to use preparation fire such as enemy strength and posture. The manoeuvre commander will need to decide if he requires a degree of attrition prior to H Hour, or would prefer the immediate confusion caused by the commencement of a bombardment at the commencement of the assault.^{10 11}

Speaking the Same Language

There are some basic terms that it is important that both the manoeuvre commander and the OS adviser use and understand. The key phrases are destroy, neutralise, suppress, screen, obscure or illuminate.^{12,13} The understanding of these key phrases will allow the manoeuvre commander to convey exactly the effects he is seeking to achieve. It is understood that in the heat of the battle these terms are less likely to be adhered to, but in planning their common use will insure everyone is speaking the same language. This becomes important so that there is no surprises during execution.

Safe Distances and Risk

The current system of planning for the closeness of OS to own troops is based on a set of safe splinter distances (SSD),¹⁴ and the advice that a manoeuvre commander can accept the risk of moving his troops closer to OS if he needs to for mission success. Currently, the RAA does not have doctrine that can accurately quantify the level of risk to the manoeuvre commander. The US Army uses a system of Risk Estimate Distances that provides information on the level of casualties that could be received by own forces if the manoeuvre commander chooses to accept risk less than the SSD. A sample of these distances is included in Figure 3. This table provides information on the probability of incapacitation (PI) to our own forces at the distances indicated for the various ranges of the weapons.¹⁵ PI is the probability of a serious or lethal wound that would require that the soldier be evacuated. In this case the PIs have been calculated for soldiers standing in winter uniform with helmet. Using the table the following advice could be provided. Assuming the support was provided by a 105mm at one third system range, then if the manoeuvre commander was willing to accept the risk of bringing in fire closer than 250 metres, he could be advised that at 175m there is a one in a thousand chance of incapacitation from his own artillery. If the situation was worse and he wanted to accept greater risk to keep covering fire longer, he would be advised that at 85m there is a one in ten chance of incapacitation. Using this advice and details from the OS adviser on other factors such as zone, slope and cover available to assaulting troops, the manoeuvre commander could make the decision to have covering fire from the guns until his lead elements are 150m from the objective. This example is illustrated in Figure 4.

Calibre	No of Guns	System	Shell/ Fuze	10% PI (Radius in metres)			0.1% PI (Radius in metres)		
				1/3 System Range	2/3 System Range	Max Range	1/3 System Range	2/3 System Range	Max Range
81 mm	3	M29	HEPD/VT	75	80	80	165	185	230
105 mm	4	M119	HEPD/VT	85	85	90	175	200	275
155 mm	4	M198	HEPD/VT	100	100	125	200	280	450
5 inch	1	5"/38	HEPD/VT	210	225	250	450	450	600

Figure 3 – Risk Estimate Distances ¹⁶

The information provided in Figure 3 is American data, but has been produced through their Joint Munition Effects Tables and computer modelling.¹⁷ Before we could use it a further technical analysis should be conducted. An analysis by DSTO for example could provide some additional information such as the distance of a probable kill that would be helpful to the manoeuvre commander to determine risk. These distances could not be used in peacetime, but would be valuable knowledge to prepare for operations.

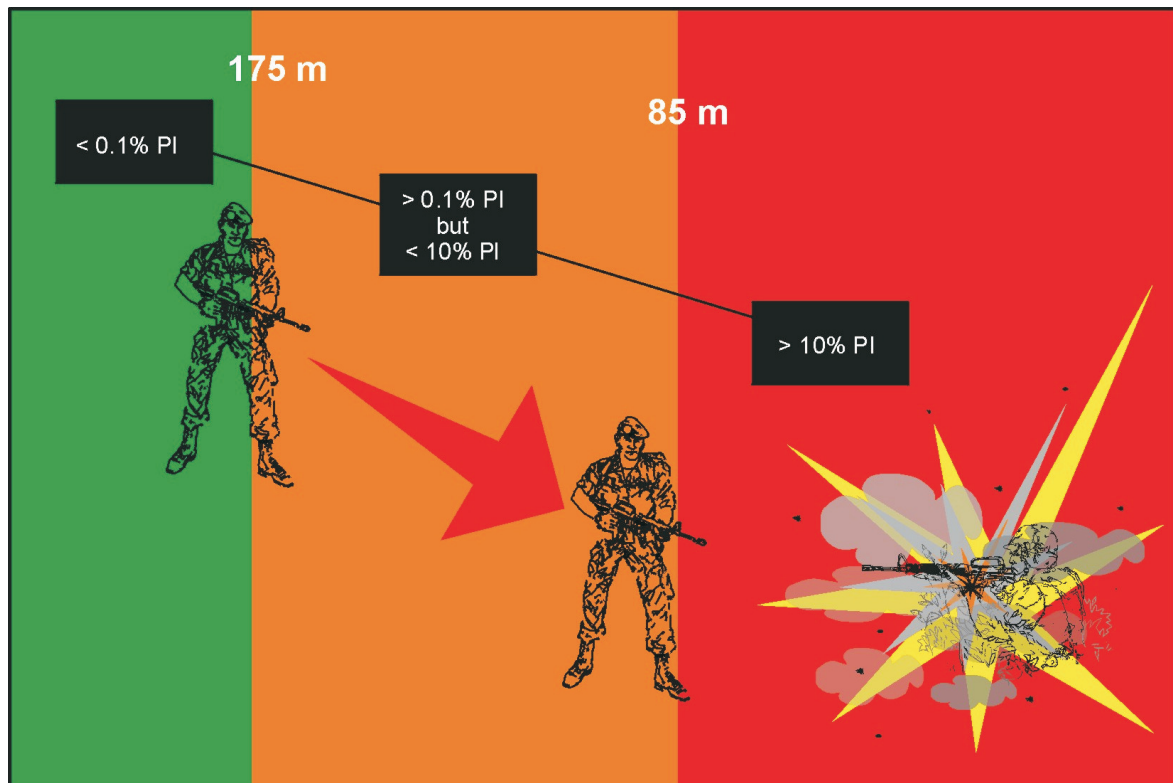


Figure 4 – Risk Estimate Distance for 105mm at 1/3 System Range

Schedule, What Schedule? - Event Based Fire Planning

Traditionally, the RAA has used a detailed time schedule to coordinate fire plans in support of the assault. Even in peacetime these generally work well up to H Hour, however after H Hour when the planned activities of the manoeuvre elements are susceptible to rapid change due to a variety of factors such as enemy action and ground, the schedule becomes difficult to sustain without modification. Additionally, unlike the past, the MAP produces a plan that focuses on events, and uses these events to synchronise the BOS. It, therefore, stands to reason that the fire plan instead of focusing on time, focuses on events. This type of fire planning is called event based fire planning (EBF). EBF plans fire commencing and ending based on a particular event, for example fire on objective I will continue until A Coy reaches the last safe moment in front of the objective. The implication for the FO is that the fire continues until he orders it to stop, and that he doesn't have to keep extending or shortening the schedule. In some gunner circles there is a perception that EBF is simply an on call fire plan. This is not correct. It is a carefully planned fire plan that the engagement of targets is linked to the events on the battlefield. The benefit for the manoeuvre commander is that greater synchronisation is achieved with the events occurring on the battlefield and the OS BOS.

Another modification to OS planning that has occurred with the advent of the MAP has been the introduction of a top down methodology that incorporates bottom up refinement. In this method the most senior OS planner conducts the planning as part of the manoeuvre HQ and is able to focus the fires to concentrate on the main effort and high payoff targets. The FOs are then able to "get eyes" on the selected targets to refine the locations. While this is not a radical change from previous methods it does ensure that the higher HQ establishes the priorities, and that subordinates are responsive to the higher concept.

Synchronisation, Synchronisation and Synchronisation

In operations involving light forces, logistic support will most likely be stretched to its limit, so resources such as gun and mortar ammunition will need to be carefully managed to ensure there is no wastage. This means that each time the guns fire, their fire must be focussed to ensure maximise effect and to assist the other BOS. In particular during the assault, the effects of mobility BOS, fire support BOS and manoeuvre BOS need to be carefully synchronised to ensure that a breaching operation is successful. If this does not occur the momentum of the attack could be lost and thus jeopardise its success.

The key, therefore, prior to commencement is to ensure synchronisation is going to be achieved. Planning staff must have synchronisation in mind as they construct their courses of actions. During the wargaming phase detailed synchronisation must be completed using the synchronisation matrix. Once the plan is complete a combined arms rehearsal must be completed. Various tools such as Fire Support Execution Matrixes, which are tied to manoeuvre events, not a timeline assist as well. The combination of these various activities will assist to ensure that the manoeuvre commander has a synchronised plan for the assault.

To Superimpose or Not to Superimpose?

Superimposition has long been the mantra of the artillery. Indeed, such has been the success of our teaching the importance of creating a firepower reserve to deal with targets of opportunities and unexpected eventualities during the assault, every company commander always feels comforted that his FO is on the right track when he is reassured that superimposition has been achieved. Superimposition may, however, simply be a luxury we can't afford. Firstly there may be more targets than fire units so compromises may have to be made. This situation of course will leave the manoeuvre commander with some unpalatable choices. The second situation is due to the proliferation small calibre indirect weapons such as grenade launchers, top attack weapons and small calibre mortars.¹⁸ For example if an assault was being conducted on the objectives in Figure One, the attacking force would need to consider in Phase One the threat from small calibre indirect weapons from Objective Three. If the Fire support adviser only had three fire units¹⁹ he is left with the dilemma of not achieving superimposition. He may, therefore, simply have to suppress all three objectives through out the assault and the manoeuvre commander accepts the risk that he does not have a firepower reserve. While this example questions the need for superimposition, for the manoeuvre elements the point is that there may be circumstances where they will have to accept that superimposition can't be achieved and there will be need to accept this risk. For the OS planners the point is that they cannot afford to be dogmatic in the application of superimposition, and the changing nature of weapons and tactics challenge some of the basic precepts held close to a gunner's heart.

More Eyes

There is no doubt that assaults will continue to be difficult and confusing activities that will remain difficult to coordinate. These difficulties will be exacerbated in complex terrain. The current allocation of fire support observers allocated to the battalion may be insufficient to gain clarity in such difficult situations that is required to safely coordinate the engagement of targets during the assault. The obvious solution is to provide more fire support eyes on the battlefield. The current organisation generally allocates a JOST, a MFC and on occasion a GFC. The JOST has two trained observers, the FO and his assistant. A signaller is also trained to conduct missions in emergency situations. The MFC attends the JOS Course and theoretically has the same skill level as the FO assistant.²⁰ In reality it would see the company provided with three trained observers. While it is acknowledged that the all arms call for fire is a well-known drill, the question is in the assault does the company have enough sets of eyes concentrating on the technical coordination of OS? If we accept that the FO must accompany the OC to provide instant liaison and coordination, and that the company tactical HQ may not have a "fingertip feel" for the battle particularly in complex terrain or at night. The FO has the option to divide his party and send his assistant forward with the lead elements, however, this limits his capability to successfully coordinate other forms of OS and poses communications issues. The splitting of the party should only, therefore, be seen as an emergency measure.²¹ The MFC can be placed forward, and is able to assist, but is limited by only having one radio, which is normally on the Mortar Command Net.

To address this lack of fingertip feel for the edge of the assault, particularly for the last safe moment, then the FO party could be expanded for certain operations to include two or three additional JOS Course qualified observers equipped with a radio, who would accompany the forward platoons. Their duties would be the adjustment of the fall of shot, the passage of tactical information and in particular the call of last safe moment. This concept is similar to US light forces that have FIST teams, which consist of a LT FSO (our FO), signallers and several FOs (SGTs who accompany the lead platoons).²²

Within the current SED these additional observers could be produced from the SGTs on the gunline, where the detachment 2ICs (BDRs) remain to command the gun detachments. A pool of up to four could be held for Battalion level attacks where they could be used to weight the main effort. In addition to providing the additional adjustment of the fall of shot, they would be able to help with the provision of sitreps that could be heard instantaneously at company, battalion and potentially brigade level.²³ This would increase situational awareness at each level. It would also reduce the likelihood of fratricide across the brigade, as more elements would have an observer who was monitoring all calls for fire.

Assault Ammunition

During World War Two the Germans developed an assault grenade that was smaller in fragmentation effects than a normal grenade that allowed assaulting troops to close quickly with the enemy after exploding. The use of percussion grenades also allows for friendly troops to move closely with the enemy particularly in confined spaces. If we were to combine and apply the low fragmentation and high percussive effect concepts to an artillery round some interesting possibilities could be developed. Most importantly the dead space between LSM and the objective could be reduced significantly by this low fragmentation, high percussive effect round (LFHP). For example a fire plan supporting the assault could initially start with traditional HE covering fire on the objective, but then instead of lifting at 250m or five minutes from the objective the guns could fire another two minutes of covering fire using the low fragmentation round. The theory is that the HE rounds have already softened up the objective with the enemy cowering in their foxholes, the change to the LFHP would be almost unnoticed at the objective, but the reduced fragmentation would allow closer manoeuvre. The higher percussive effect at this stage would increase the enemy's disorientation just at the time that they are preparing to use their weapons. Combined with other weapons effects this could make a significant difference to the success of the mission. While such a round does not currently exist the technology associated with it is not difficult.

Layering Offensive Support Assets

What role do the other forms of OS play in the assault? To answer this question the battlefield geometry of safety distances and size of effects again is crucial. For example close air support safety distances can be in excess of one kilometre.²⁴ While it is acknowledged on operations that this can be reduced, it is unlikely that a manoeuvre commander would be prepared to accept this risk in the assault. The same commander, however, would be well satisfied for a close air support preparation of the objective.²⁵ He would also be satisfied if the enemy's counter attack force is prevented from

entering the battlefield while he is leading an assault by the use of CAS as a cut off. Naval Gunfire also is difficult to use in close proximity to assaulting troops due to its high Probable Error for range. It too is useful for preparation fire or depth targets. While the Armed Reconnaissance Helicopter (ARH) is not strictly a OS asset, it will clearly have the ability to provide a significant amount of firepower to support the assault. Consultation will be required with the aviators over the next few years to ensure that this valuable asset is available for employment in this method in the future.

Conclusion

This paper has examined the challenge of providing OS to support the assault. It has identified that the current doctrine is simple and sound, but many developments are and can occur to improve the quality of support. Consideration needs to be given to looking at the times when preparation fire is given. More education is required to ensure that all participants understand the key terms to describe the effects they are seeking to achieve. Some of the older concepts of fire planning such as time schedules and superimposition although not redundant need to be challenged. Synchronisation is also a critical concept that needs to be further developed.

While these factors are important, the most critical points focus on the LSM for the employment of OS assets. The use of Risk Estimate Distances, the layering of OS assets the use of additional observers and potentially the development of a LFHP round could shorten the distance that the infantry have to assault without OS. Having established the importance of OS both historically and scientifically, progress in increasing the effectiveness of the OS by decreasing the LSM in concert with the other BOS and the Manoeuvre BOS in particular would certainly assist in improving the probability of successful assaults.

Recommendations

It is recommended that:

- a. more live fire combined arms breaching exercises are conducted;
- b. 4 Fd Regt conduct briefings on issues such as preparation fire and terminology;
- c. DSTO be asked to examine the validity of Risk Estimate Distances;
- d. event Based Fire Planning be practised during combined arms exercises;
- e. combined arms rehearsals and other measures to improve synchronisation be integrated into 3 Brigade training, and SOPs;
- f. the concept of additional observers for battalion attacks be trialed on FTX and LFX; and
- g. DSTO be asked to examine the concept of a LFHP round.

Endnotes:

- 1 The OS system also consists of capabilities that are far more fashionable such as Close Air Support and Attack Helicopters.
- 2 Artillery is far from an indiscriminate weapon. The effects of its rounds can be carefully calculated and the danger area for the splinter pattern of an HE round around a target can be defined. Compare this to a tank round that can penetrate a target then ricochet indiscriminately for hundreds of metres in many different directions.
- 3 Presentation at the RAA Corps Conference, Puckapunyal, April 2002. Also see Bowley, D.K., Castles, T., Ryan, A., "Attrition and Suppression: Defining the Nature of Close Combat", Presentation at the Land Warfare Conference, Sydney, November 2001.
- 4 It is believed that CB in this case includes covering fire.
- 5 See Zabecki, D.T., *Steel Wind: Colonel George Bruchmüller and the Birth of Modern Artillery*, Praeger, Westport, 1994. This book provides a detailed explanation of the work of Colonel Georg Bruchmüller a German Artillery commander who did much to revolutionize the application of fire support for infantry attacks. In particular he move artillery away from the concept of destruction and focussed on the more realistically achievable neutralisation.
- 6 MLW Two, Arty I.I, *Employment of Artillery*, 1995, p 7-7.
- 7 *ibid*, p7-9.
- 8 SOSR: Suppress, Obscure, Sustain and Reduce. This is an American concept for the conduct of breaching of obstacles, but the principles are relevant to the Australian Army.
- 9 A combination of factors have helped to improve the artillery's accuracy, however, these techniques are not perfect. It is possible to claim first round effectiveness in some conditions, but adjustment and other techniques may still be required.
- 10 It has often been said that the most effective part of a bombardment is the first twenty seconds.
- 11 The British experience in the Falklands is instructive in this case. After attempting "silent" attacks early in the campaign such as Goose Green, towards the end in the battles for the hills near Port Stanley such as Tumbledown, they reverted to more traditional "noisy" attacks with substantial preparation fires. The preparation had the effect of severely disorienting the inexperienced Argentinean conscripts and made the infantry task easier.
- 12 Destruction equates to 30-70 percent casualties inflicted on a given target or physical destruction of a High Payoff target. Neutralisation equates to 10-30 percent casualties inflicted on a given target, and will prevent the target from taking effective action such as moving, observing or employing weapon systems. It renders the target ineffective for a period after the engagement. Suppression limits the ability of a target to effectively perform its role. The primary requirement of suppression is to create conditions for friendly manoeuvre and has no lasting effect. Screen and obscure refer to effects achieved by smoke.
- 13 The terms Limit, Delay and Disrupt are now used as part of targeting doctrine. Disrupt means prevent the enemy formation from doing a specific function. Delay means to alter the time of arrival of an enemy formation and limit means to reduce an enemy's options or courses of actions. OS advisers at all levels will be familiar with these terms.
- 14 The SSD is generally accepted as the Operational Safe Distance.
- 15 For indirect systems, generally as the range increases so does the probable error.
- 16 Pokorski, G. and Minton, L., "Risk Estimate Distances for Indirect Fires in Combat" in *FA Journal*, Vol II, No 2, March-April 1997, Fort Sill.
- 17 An interesting point is that for both 105mm and 155mm our safe splinter distances are less than the 0.1% PI for max range for the equivalent systems.
- 18 Most prevalent of these mortars is the 60mm. The author witnessed the use of one of these at the Joint Readiness Training Centre and was firmly convinced of their effectiveness both in the attack and the defence.

- 19 A BC in this situation planning to support a Battalion attack could reasonably assume he would be allocated at least two gun batteries and the mortar platoon. While these fire units can technically be split this is not a desired option.
- 20 This is an emotive (in some circles) issue. Many in the RAA would argue that the MFC should be solely there to coordinate the employment of mortars. Some in the RAINf see the MFC's having an expanded role that includes a FAC capability. The central theme for a battalion commander is what degree of guarantee does he have that the JOSTs are his. I would argue that now with the advent of Brigade JOSTs in 3 Brigade, there is little need to move JOSTs from a battalion and that there is a high degree of certainty that the JOSTs will be where the CO and BC decide.
- 21 In the first instance an anchor or air OP is essential to provide redundancy for the JOST with company HQ. In the past there has been discussion of splitting the FO party or sending the MFC forward with the lead platoons. Neither of these options is particularly good. By splitting the party you lose the ability to handle all the OS assets allocated and communications become awkward. If you separate the MFC you lose the ability to synchronise the mortar fire. In 4 Fd Regt we seek to reinforce one JOST with another, but for a committed battalion this may be difficult to achieve.
- 22 The US light forces developed the FIST concept in the mid Seventies in recognition of the need to have specialist fire support advisors down to platoon level. For further information on this subject see Petraeus, COL D.H., Carr, MAJ D.P., and Abercrombie, CAPT J.C., "Why we Need FISTs - Never Send a Man Where You Can Send a Bullet" in FA Journal, Vol II, No3, May- June 1997, Fort Sill.
- 23 Depending on the allocation of assets the artillery aspects of the attack would either be coordinated on the battery or regimental nets.
- 24 For example if flying overhead or towards unprotected own troops the safety distance for a M82 is 1010m and for a M84 it is 1240m.
- 25 A M84 2000lb for example can cover an area of 750m by 500m with cratering effects.

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SPEECH BY

THE HON DANNA VALE MP

THE HON DANNA VALE MP, MINISTER FOR VETERANS' AFFAIRS, MINISTER ASSISTING THE MINISTER FOR DEFENCE GAVE THE FOLLOWING SPEECH AT THE 75TH GUNNER DINNER, SYDNEY ON 3 AUGUST 2002.

It is indeed a great honour for me to address this dinner. I would like to thank you for making me part of the great tradition of Gunner dinners.

Before I begin I would like to take a moment to pay tribute to one gunner who is absent from your number - Sir Roden Cutler VC. With the passing of Sir Roden in February, Australia lost one of her true heroes - the only Australian artilleryman to win the Victoria Cross.

He was an exceptional man who will be remembered for his bravery, his dedication to his men and a lifetime of distinguished service to the Australian people. I am sure many of you knew him well and mourn his passing as I do.

Last year, in our Centenary of Federation, the Australian Army celebrated its own century of service to the Australian people.

The history of Australian artillery, of course, goes back another 50 years, with the raising of volunteer units in many colonies and that historic August day in 1871, when the 'A' Field Battery was raised as a permanent battery manned by Australians.

'A' Field Battery exists today and I know that your Regiment takes the day of its raising 131 years ago as its official birthday.

The service of Australian artillerymen in the years leading to Federation led to the Royal Australian Artillery earning the distinction of being the oldest Australian regiment, having been formed by decree of Queen Victoria in 1899.

The service of artillerymen since then in both peace and war has been of the highest standard, a standard that those now serving seek to emulate.

We remain a young nation, and set against global events, ours is a brief history. However, occasions such as this dinner remind us that it also is a very proud history.

On the battlefields of Gallipoli, the Middle East and the Western Front, at places like Tobruk, El Alamein, Kokoda, Kapyong and Long Tan, the Army has forged a tradition of courage, determination and service.

In this year, when we commemorate the 60th anniversary of the defence of Australia, we remember and honour those who were called upon, for the first time, to defend our own shores, our democracy, our freedoms and our Australian way of life.

At the same time, deployments in the War on Terrorism, East Timor, Bougainville and posts around the world, serve to remind us that Australians still answer the call to put on the uniform, and serve in defence of those same principles.

The Government remains immensely proud of the way the Army get things done - and especially gets things done in tough conditions.

The White Paper delivered in December 2000 is the cornerstone of the Government's Defence policy, and provides, through the Defence Capability Plan, the blueprint for the development of the Australian Army and the Australian Defence Force during the next ten years.

Importantly, it also provides the most rigorous and enduring commitment on defence spending ever given by an Australian Government.

The Government is also undertaking assessments of Australia's strategic environment and capability needs in light of September 11, and the dramatic events in the War on Terror since then, as well as other tasks, such as border security.

However, our strategic priorities remain the same as they were before the attack on New York:

- Firstly, to defend Australia from attack;*
- Secondly, to contribute to the security of our immediate neighbourhood, including peacekeeping and helping to defend our neighbours if asked; and*
- Thirdly, to contribute effectively to international coalitions to meet crises beyond our immediate neighbourhood.*

That means that Australia will need to maintain and develop a wide range of military capabilities to fight and win, in conflicts ranging from low-level peace support operations all the way through to major conventional conflict.

It means that we must continue to enhance our capability to undertake demanding non-combat tasks such as disaster relief, peacekeeping and border protection.

And it means we will need to enhance our ability to respond to a range of terrorist threats.

The Howard Government in the last Federal Budget committed \$524 million to support Australia's involvement in the International Coalition Against Terrorism.

The Government has also announced that it will effectively double our nation's counter terrorism capabilities through the establishment of a second Tactical Assault Group and a permanent Incident Response Regiment within the Australian Defence Force.

Whilst there has been a great deal of media comment recently about military hardware and equipment one inescapable fact remains - it is people who make up the Australian Defence Force, and it is people who will remain our priority.

In closing, let me say that I have a personal goal of ensuring that the deep appreciation shown by Australians for their wartime heritage extends to those now serving in Australia and around the world.

These men and women are walking in the footsteps of the Anzacs, carrying on a tradition that has become fundamental to our identity as Australians.

And, just as tonight we honour those who have gone before, we must all make sure that those serving today and in the future are honoured for their commitment.

I know that currently there are Field Gunners serving in East Timor, and Air Defence Gunners recently returned from the War on Terror. They follow a long line of Gunners who have served Australia and served it well.

Thank you for your service, and I wish the Regiment well as it moves into the future.

FUTURE EVENTS

- ✓ **Friday 27th June 2003**
Victorian Association Annual Gunner Dinner
Contact: Secretary RAA Association (Vic) Inc., 101 Warralong Ave,
Greensborough, Victoria 3088

- ✓ **Saturday 2nd August 2003**
Tasmanian Association Annual Gunner Dinner in Hobart
Contact: Norman Andrews via email mussellroe@bigpond.com

- ✓ **Saturday 9th August 2003**
New South Wales Association 76th Annual Gunner Dinner at
Club Willoughby
Contact: Ross Smith - (02) 9971 7317 or Phil Easton - (02) 4625 6447

- ✓ **Saturday 25th October 2003**
South Australian Association Annual Gunner Dinner
(subject to 16 AD Regt commitments)
Contact: Geoff Laurie via email Laurie.Geoff@saugov.sa.gov.au

- ✓ **Wednesday 29th October to Saturday 1st November 2003**
Regimental Conference and Associated Activities including Full-time Officer and
WO and SNCO farewells to be held at Puckapunyal
(See notice on next page for further details)
Contact: Major Simon Quaglia via email [simon quaglia@defence.gov.au](mailto:simon_quaglia@defence.gov.au)

NOTICES

1st Ground Liaison Group 40th ANNIVERSARY FUNCTION

24th - 26th October 2003

1st Ground Liaison Group will celebrate its
40th anniversary on 21st October 2003.

Planning has commenced for a reunion function to be held
on the weekend of 24th -26th October 2003.

Former unit members are invited to contact
WO2 Evans
at Headquarters 1st Ground Liaison Group
(02) 47377159
for details.

RAA Regimental Conference and Farewells

School of Artillery, Bridges Barracks, Puckapunyal

Time	Wednesday 29 October 2003	Thursday 30 October 2003	Friday 31 October 2003	Saturday 1 November 2003
AM	Arrive	Conference	Conference	
PM	Conference	Conference	Conference	
Evening	Welcome Buffet	Regimental Committee Meeting	<ul style="list-style-type: none"> • Officers Farewell Colonel and below • Officers visit to Sergeants Mess • Farewell Dining Out Night for Senior Officers in the Regimental Officers Mess 	WO and SNCO Farewells in the Regimental Sergeants Mess

Contacts: **Regimental Conference Coordination**
Major Simon Quaglia (03) 5735 6113
email: simon.quaglia@defence.gov.au
Officer Farewells
Major Simon Quaglia (03) 5735 6113
email: simon.quaglia@defence.gov.au
WO& SNCO Farewells
WO2 Grant Boyce (03) 5735 6393
email: grant.boyce@defence.gov.au

APPLICATION FOR MEMBERSHIP OF THE ROYAL AUSTRALIAN ARTILLERY HISTORICAL COMPANY

ACN: 084 470 539 ABN: 66 084 470 539

Title		Surname			Given Names			
Decorations								
Private								
Address						Postcode		
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Address						Postcode		
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Your Occupation								
Your area of interest in the museum	<input type="checkbox"/>	Tour Guide	<input type="checkbox"/>	Museum Displays	<input type="checkbox"/>	Library	<input type="checkbox"/> Other	
	<input type="checkbox"/>	Workshops	<input type="checkbox"/>	Small Business	<input type="checkbox"/>	Training		
	<input type="checkbox"/>	Computing	<input type="checkbox"/>	Coffee Shop	<input type="checkbox"/>	Administration		
<p><i>I hereby apply to become a member of the RAA Historical Company (registered under the Corporations Law of NSW on 24 September 1998). In the event of my admission as a member, I agree to be bound by the Constitution of the Company. I enclose my annual membership fee of \$15.00 (includes quarterly copy of 'Cannonball' journal).</i></p>								
Your signature						Date		
Send your completed application form along with payment to: RAA Historical Company P O Box 1042 MANLY NSW 1655				Contact the Registrar on (02) 99763855 Tel. (02) 99772607 Fax. Email - NorthFort@ozemail.com.au				
OFFICE USE								
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A membership form can be found on the last page of this publication.

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