RAE CORPS MAGAZINE ROYAL AUSTRALIAN ENGINEERS ASSOCIATION (Vic) Inc



SAPPER SUMMIT

Once a Sapper, Always a Sapper



SAPPERS ATTEND VIETNAM VETERANS' GRAVESIDE VIGIL at SPRINGVALE CEMETERY 50th ANNIVERSARY YEAR—BATTLE OF LONG TAN

2016 marks the 50th anniversary of the Ba le of Long Tan which was an acti n fought by ANZAC forces in Vietnam on 18 August 1966. Many events are being conducted around Australia during 2016 to commemorate Australian service in the Vietnam conflic . On 21 February, 2016, simultaneous graveside vigils were held at the sites where Australian casual es of the Vietnam War are buried. Victorian sappers a ended the vigil at the Springvale graveside of Spr Denis Brooks who was killed in a mine incident whilst working on a barrier mine eld. The vigil was conducted by Vietnam veteran and RAE Associa on member Allan (Blue) Rantall. (Con nued p 3)

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SAPPER SUMMIT

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Vietnam Veterans' graveside vigil—sappers service L-R Ivan Scully, Margaret Handte, COL Brain Florence AM MC (Retd), Bodo Boucher, Allan Rantall, LTCOL D. Hughes (Retd), LTCOL C. Bowater RFD (Retd), Eric (Jock) Howa, Alex Grana.

GRAVESITE VIGIL – SPRINGVALE CEMETERY – 21ST FEBRUARY 2016 SAPPER DENNIS LINDSAY BROOKS

The weather was perfect for the graveside vigil, not too hot or too cold.

There were 12 people in a endance at the gravesite.

Two people present were in Vietnam when Sapper Brooks was seriously wounded on the Barrier Mine Field 10th May 1967.

In that incident, two others were killed outright, Sapper Terrence Renshaw and Sapper Ramon Deed.

Sapper Brooks died from his wounds on the 22nd May 1967.

Those in a endance at Gravesite were CPL Allan Rantall (who performed the service) and

Cra sman Reno Borg (who performed the fla du es) Also in a endance were:

COLONEL BRIAN FLORENCE AM MC – OC 1 FLD SON VIETNAM

SAPPER IVAN SCULLY – Survived the incident in Vietnam

LTCOL COLIN BOWATER - President RAE

Associati n Victoria

LTCOL DON HUGHES – Vice President RAE Associati n Victoria

MARGARET HANDTE – Committee Member RAE Associati n Victoria.

KATHRYN KELLY – DAUGHTER OF CAPTAIN KELLY 1 FLD SQN DECD

DAVID T. KELLY – SON OF CAPTAIN KELLY 1 FLD SON

JED RUSSO - GRANDSON OF CAPTAIN KELLY ERIC HOWATT – Commi ee Member RAE Associati n Victoria

BODO BOETTCHER – SAPPER—Member of RAE Associati n Victoria

ALEX GRANNA – SAPPER –Member RAE Associati n Victoria

MRS.BERYL RANTALL

MRS.MELITA BORG.

The service was conducted by Allan Rantall and Reno Borg. Those who a ended thought that it was a very moving service. A er the main poppy and flag was presented, Allan and Reno moved back to presenta on positi n. Poppies were also laid from everyone a ending the service.

LTCOL Don Hughes and COL Brian Florence laid two wreaths at the gravesite.

A er the service, Don Hughes and Allan Rantall laid wreaths on the other 4 Sapper plaques within the Springvale Cemetery complex..

Whilst the service for SPR Brooks was being conducted, other services were simultaneously held at other veterans' gravesites. An offici service in involving the

RAE CORPS SHOP



If you wish to get items from the Corps Shop: See h ps://www.raevictoria.asn.au/merchandise.php For details for email corpsshop@gmail.com

Minister for Veterans' A airs was also held within the cemetery complex.

Prior to the service, CPL Allan Rantall had been in contact with Sapper Denis Brooks' father who lives in Queensland. He is 88 years old and was very moved that some recogniti n was being given to his son at Springvale Cemetery. He was too frail to a end and was grateful that the gravesite vigil was held in his son's honour at last.

He couldn't express his thanks enough to Allan Rantall. Engineer Head of Corps, Brigadier Wayne Budd and Brigadier Peter Hutchison were apprecia ve that these gravesite vigils were being done. They sent their apologies that they were unable to a end on the day.

Allan Rantall



The "Last Post" is played at the O ia Service at Springvale Cemetery





Minister for Veterans' A airs a ending the offi al Vietnam Veteran's Graveside Vigil Service at Springvale Cemetery of 21 February 2016

OPERATION CORACLE Donati n To Australian Army Museum of Military Engineering



Above: Graeme Lambert presents AAMME Curator, Sebas an Spencer with a series of unique photographs from Op Coracle. The photos were donated to the museum by RAE Associa on Vice President -Don Hughes.

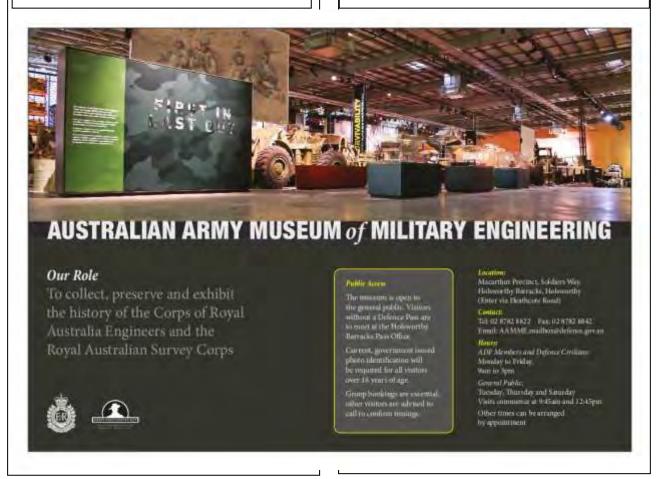
The Australian Army Museum of Military Engineering works to tell the sapper story.

Whilst the museum has over a half a million items, the curator eagerly seeks items that represent the post Vietnam era. With many opera onal deployments and humanitarian contributions, the sapper story since Vietnam is diverse and complex. Documents, photographs, videos and diaries covering any sapper role, especially since Vietnam, would be welcomed by the museum. If readers have anything they would like to entrust to the museum for expert and permanent care, then Sebas an spencer would welcome your contact.

Coming to Sapper Summit

What's new at the Museum......

The Australian Army Museum of Military Engineering will have a regular column in Sapper Summit to advise readers of developments, acquisitions and projects conducted by the museum. Our members are and the family of all a part of the sapper story and it is hoped the regular column will help connect the museum sappers in Victoria.



President's Column



I hope you have had an enjoyable break over the holidays. 2015 was a very busy year for the Associa on and 2016 looks like being another full on year.

Planning for 2016 is well under way with the following activi s being planned:

Sapper Muster

The Sapper Muster was held on Saturday 27 Feb. It was an excellent night with over 100 guests. See a ached report.

Visit to the Australian Army Museum of Military Engineering

On the 12 March, 9 members of the Associati n visited the RAE Museum at Holsworthy NSW. We were given a guided tour by the curator Mr Sebasti n Spencer and his assistant Michelle. Sebasti n's knowledge, dedica on and informa on about the displays was outstanding.

The visit well worthwhile and much appreciated by the members. See a ached report.

Associa on AGM

The Associati n AGM will be held on 12 April 2016 at the Ringwood Barracks commencing at 1500 hrs. More details to follow.

Anzac day Parade 2016

This year's ANZAC Day Parade is on Monday 25 April 2016. The RSL has allocated us the same assembly area as last year that is Collins St West (South Side) Depart Timing is 1155hrs

Members are to be in positi n 30 minutes before step o that is 1025hrs

Visit to the Heidelberg Repatria on Hospital

There will be an excursion to the Repatria on Hospital Heidelberg on Thursday 12 May 2016 which will include a tour of the Hospital and grounds, free parking and lunch.

2016 ANNUAL SUBSCRIPTIONS

2016 Annual Subscrip ons are now due and will remain at \$15.00. Financial members will receive a membership lapel pin and a member's 2016 handbook. These will be posted to members shortly.

AWARDS TO 22 ENGINEER REGIMENT PERSONNEL

Two of these awards were presented by our Patron COL John Wertheimer at the Sapper Muster. They were presented to:

Most outstanding JNCO LCPL Anurag Sharma; and Most Outstanding J O er Lt Simon Duell

The winner of the most outstanding Sapper award, Sapper William Van Berkel was unable to a end and his award will be presented in the near future.

UBIQUE Colin Bowater President



Sample members' lapel pin.

ROYAL AUSTRALIAN ENGINEERS FOUNDATION

For informati n about the Foundati n and news of events and projects, visit the Foundati n's web site or click this link:

www.raefoundati n.org.au

From The Regiment





CO 22 Engineer Regiment

Its great to be back for the first edi on of 2016. It never ceases to amaze me how much the men and women of 22nd Engineer Regiment have achieved in the 12 months since I assumed command. They are working hard to deliver real capability for Army, and as we move forward to our cer fica n exercise in a ma er of months. I am confi ent that we will contin e to build on the groundwork done so far. As I type this column, the members of 22nd Engineer Regiment and 3rd Field Squadron (Adelaide) forming the Ba le Group JACKA Engineer Squadron have just returned from Cultana in South Australia on Exercise PREDATOR'S GALLOP. This has been our fi al combined arms exercise prior to certific tio; you can read more about it later in this edi on of Sapper Summit. However, I will note that I have asked the JACKA Engineer Squadron members to increase their commitment to Army throughout the last half of the READYING year and it inspires me to see so many Reservists who have been willing and able to step up to the challenge.

Concurrently with Exercise PREDATOR'S GALLOP, the unit conducted an in-house single-coded Plant Operators Course and Medium Rigid GS (MR2) driver's course in the Puckapunyal Training Area. Eight 22ER and three 3 Fd Sqn members graduated from the plant course, whilst seven 22ER members and one 3 Fd Sqn member graduated from the MR2 course. Well done to those men and women; they are directly enhancing the capability of their units through their increased employability for Ex HAMEL and beyond.

In other news, on Friday 26 February, I a ended the annual Reynolds Dinner hosted by the RAE Foundati n. There were three main objec ves for the dinner; to fundraise for the Foundati n, to spread the Foundati n's message and generally just to have a great night out with good friends and colleagues past and present. The RAE Foundati n is a voluntary, not for profi organisati n founded by Sappers. It performs a number of roles, amongst those being to assist in the welfare of the members of the Corps of Royal Australian Engineers and, in special circumstances, their dependents. I commend the RAE

Foundati n to you.

Looking ahead, the 2016 ANZAC Day Dawn Service hosted by 22ER will be held at Ringwood, with all current and former serving members and their families warmly invited. Look out for further details on the service later in the *Summit*. Regre ably, the Sir Clive Steele lecture scheduled for Fri 27 May has been postponed to the la er half of 2016 - further details will be provided in the next edi on. May's training will be to primarily prac se our counter-mobility Corps Mission Essential tasks and June's main e ort will be to prepare our members for Ex HAMEL in July.

Ubique

Michelle McCormack LTCOL Commanding Officer

EXERCISE PREDATOR'S GALLOP

Over period 11-20 March, 22 ER conjunc on with 3 FD SQN deployed their JACKA ENGR SQN to the Cultana Training Area in support of 1 CER for EXERCISE PREDATORS GALLOP (EX PG). EX PG was a 1st Brigade Combined Arms Training Activity (CATA) designed to test the Brigade, complete with the ARes Reinforcing Ba le Group, in conven onal opera ons. This was the firs exercise where the ARes Reinforcing Ba le Group would a ach to 1 BDE. For the JACKA ENGR SQN, this was the firs me we would integrate with 1 CER as another Sub Unit (E4); an important milestone as we move towards cer fica n on EX HAMEL in July this year.

As the other 1 CER Field Squadrons conducted Ba le Grouping with their respectiv 1st BDE manoeuvre elements, E4 was tasked with prepara on of a Company Delay Positi n with tactical obstacles within the High Explosive Target Area (HETA). Whilst this task was seemingly straight forward, it posed significa t training opportuniti s for Combat and Construc on Engineers alike in a range of skill.

As detailed below by the commanders of each task, E4 elements conducted a wide array of

tasks including a live area search of the HETA to iden fy unexploded ordinance (UXO) ready for destruc on and render the area safe for the conduct of defensive works. Our members also developed a Company Defensive Positi n and emplaced a DISRUPT obstacle belt forward of the positi n.

This defensive posi on was to be u lised by the enemy later in the exercise, when Ba le Group Lion (the 1 Armoured Regiment Ba le Group) would culminate Tonne capacity and was able to accommodate any type of vehicle crossing. Earlier in the day the majority of a Ba le Group had crossed these two bridges, including Abrams tanks and Hercules recovery vehicles which had tested the load capacity of the heavier bridge.



As there was low tra c and it was only going in one directin, only the heavier bridge was being manned. I received a handover from the sectin controlling that bridge covering the safety rules for the bridges and ps for guiding vehicles as well as how to remove and replace the kerbs to allow tanks to cross.

During the handover I had dropped a small team at the junc on site to prevent tra c going to the unmanned bridge. It became obvious this wasn't a sustainable solu on; the distance and lack of communica on between this site and the bridge meant there would be no overall control or mutual support, not to men on the workload for three or four soldiers at each site to maintain 24-hour coverage. The sec on consolidated at the

main bridge site a er marking the second bridge closed and indica ng the route to our bridge with cyalumes.

Throughout the handover and consolida on, the bridge remained open. During this process we saw the last elements of the balle group over the bridge: the Engineer troop, two Ar llery baeries, and the PMV-mounted Infantry platoon that had been protecing the crossing. We were then on our own with the bridge. The following morning there was a lille more traffictoward and away from the balle group, including a visit from CO 1 CER and COMD 1 BDE

This task was a highlight of the exercise for me – the task was interes ng and gave the whole secti n some exposure to bridging (a new experience for most of us). The contrast of opera ng as an independent secti n in an exercise of mostly troop-level tasks was also a great experience.

Mine Marking



EX PREDATORS GALLOP was a change of pace for the members of 22 ER and 3 FD SQN. We were given a large scale task that would not be achievable on a normal training weekend, and with this came the requirement for forward planning, considera on of logis cs and stores beyond what is immediately in front of you and working with a s from the ARA that are normally unavailable for ARes training.

1 CER could not have been more

accommoda ng as we a ached as an addi onal sub unit, backfilli g our equipment de ciencies and providing the appropriate Regiment assets and technical advice to complete the task we were given. This positiv experience le all members of E4 excited and mo vated for further integra on on EX HAMEL.



ADF buys More Bridges

The Australian Defence Force has signed contracts worth \$109million (£53m) with Bri sh military bridge manufacturer WFEL for two new tactical bridge systems — one of which is a new capability for the ADF.

This new acquisiti n is in addi on to the Improved Ribbon Bridge purchase.

The bridges are designed to provide temporary infrastructure and can be used in combat situa ons or in the event of natural disasters.

They will be manufactured at WFEL's produc on facility in Stockport, UK, and delivery will begin in late 2017.

MGB firs entered service more than 30 years ago and has played a major role in both military and disaster relief opera ons around the world and is used by more than 40 armed forces worldwide.

Under the ADF contracts, WFEL would supply

double-storey, link-reinforced MGB sets which can span up to 49 metres.

These bridges will be supplemented by addi onal equipment that will allow bridges of up to 76m to be constructed, using WFEL's portable pier sets.

WFEL will also supply DSBs which can be deployed by just eight people in under 90 minutes.

"The bridges will be specially manufactured by WFEL to be launched from the ADF's RMMV Rheinmetall MAN 10 x 10 fully-armoured military vehicles.

"The DSB – of which more than 130 systems have been sold – is already in use with the US, Swiss and Turkish armed forces and has been used as temporary infrastructure in Iraq and Afghanistan.

Both the MGBs and DSBs will be supplied with additional walkways, which allow foot tractor safely cross the bridge separated from vehicular tract.

The contracts signed the ADF and WFEL fall under Project Land 155, a program to provide land forces with the ability to cross wet and dry gaps during combat opera ons – and is in addi on to the Improved Ribbon Bridge system purchase.

(Source: Contact -Air Land Sea)



Medium Girder Bridge

SAPPER PROFILES



See notes p29

Sapper Jim Staffo d 8594513

22ER, 10 CES, 4 TP

Sapper Jim Staffo d of 10CES, 22ER, said, "I haven't done anything spectacular in the ADF but I guess my age, previous service and full me job are of interest to some." Staffo d grew up with a Navy family background. His Great Grandfather, his Grandfather's, his father and his brother all served lengthy periods in either the RAN or RANR. His Great Grandfather and Grandfather both had the honour of being part of the Australian Con ngents marching at the King and Queens' Corona on Parades in London in 1937 and 1953. At school Staffor joined the Army Cadets and enjoyed it more than school. During year 12 in 1981 Staffor con nued the family traditi n and aged 17 signed up with the Melbourne Port Division of the RANR as a Quarter Master Gunner. At the me the Reserves were based at HMAS Lonsdale in Port Melbourne which has since been demolished and apartments now sit on the old parade ground. The Reserves had their own A ack Class patrol boat HMAS Bayonet which was located at HMAS Cerberus. Its crew were en rely Reservists and replaced other full me patrol boat opera ons when they took me o



BSORS (Bass Strait Oil Rig Surveillance).

At the me this was a full me role for the Navy to prevent commercial shipping from running into oil rigs. This was before GPS and auto pilots were widely used and there was a very real concern that a ship would take a short cut and run into an oil rig and create chaos. On many patrols the crew of 19 included Staffor on the helm or manning the gun, his dad a Pett O er Stoker in the engine room and his brother a Diver. His dad went on to serve 39 years and his brother who joined in 1983 is still in as a Leading Seaman Diver. In 1987 Staffo d completed his 6 year s nt in the Reserves. The base was closing and they were being moved to HMAS Cerberus. Staff rd was already too busy with shi work and decided not to sign on for a further 3 or 6 years as it was then. This period saw the biggest change in the RANR with numbers going from a few hundred to less than 100 and the patrol boat role was changed to Mine Warfare. During his me Staffor did a number of patrols both in Bass Strait and further north out of Cairns. "Many weekends were spent at sea, Cerberus,



Williamstown Dockyard, Williamstown Rifl Range (now houses), and West Head Gunnery Range", he said. Weapons used by Naval Reservists' then were primarily the SLR rifl , the .50 cal machine gun and the 40/60 Bofor. At the me, there were no overseas opera onal deployments taking place so Staffor didn't get to venture outside Australian waters.

In 1984 whilst still in the Reserves Staffor joined the Victoria Police working ini ally in the city and then in 1986 joined the Tra c Opera ons Group at St. Kilda where he rode a motorcycle un I 2000. He had three trips in ambulances, twice for crashes and once a er being bashed by three drugged thugs he had upset by pulling them over a er a pursuit. "I knew I was in trouble that day a er they kicked over my police motorcycle but I made good use of my baton and got through it", he said. One of his accidents was in 1989 and was caused by a woman driving through a STOP sign in front of him and he went over the roof of her Alfa at 60 km/h. He ended up with several broken bones but recovered and got back on the bike a few months later. The o ending driver complained he had ruined her Alfa and was issued a tra c cket for going through a STOP sign. "There are bound to be a few mishaps riding a police motorcycle 8 hours a day for that many years", he said.

In 2000 Staffor decided it was me for a change and was successful in transferring to the Police Air Wing as a Tactical Flight O The Victoria Police Air Wing operates four twin engine helicopters around the clock. Staffor 's role includes mission controller, navigator, radio operator, FLIR camera operator, aerial photographer, winch crewman, winch operator, fast rope



dispatcher and airborne sniper controller to

name a few. The Air Wing is based at Essendon Airport and covers all of Victoria and o en interstate. They also crew the Air Ambulance helicopter for the Melbourne region and are trained to assist the paramedic to monitor the pa ent and draw up the required drugs and then transfer the By 2006 Staffor pa ent. became an Instructor and now trains the 'new guys' whilst remaining opera onal. "The job has its challenges and is never dull", he said. Staffor went on to say, "Most jobs we do go un-no ced but some get a lot of media a en on. We generally don't talk a lot about it because it is just our job and it is luck of the draw as to who ends up on the for each job. It is really the helicopter that allows us to rescue people, we just get it there. I have a ended a few high profil jobs over the years. One was the Monash University shoo ngs in 2002 where we had mul ple pa ents. I was also involved in the 2009 bush fir s searching for vic ms, delivering supplies, conduc ng medivacs and assisti g with the post re inves ga on. We saw the Army Reserve in acti n and their effor s were really appreciated. I have done quite a number of winch rescues and too many body recoveries which is part of the job." Winch rescues can be done over land or at sea in all condi ons. At the me of wri ng Staffo d had just winched out two stranded Canadian hikers on the Alpine Walking Track near Mt.Buller. "Most search and rescue opera ons are resolved quickly these days because people carry and activa e a beacon which takes us straight to them. Years ago we had to search for days just to nd them", he said. At night they operate on NVG's so landing on roads or in paddocks is no problem. Winch rescues can also be done on NVG's although most are done during the day for safety when me allows. Winch rescues can be conducted up to 250' (76m) if the terrain is steep or obstacles are in the way. Staffor said, "People o en ask what the worst injuries I have seen are. Train accidents, industrial

and car accidents and burns are the most intensive tasks we a end. Probably the worst injuries I have dealt with was a bloke on the outskirts of Melbourne a number of years ago who decided it would be fun to make a homemade bomb. He did survive with a number of amputa ons and facial burns. Car accidents are a daily occurrence for us and I have lost count of the number of fatali es I have a ended. Generally we can assist severely injured people get to hospital faster which is rewarding. We get used to it but I have seen a number of colleagues' succumb to PTSD over the years. Like Army, you have to look a er and keep an eye on your mates." Staffor also spends a lot of me following stolen cars, responding to police tasks and conduc ng surveillance. He said rescues are only a small part of the job. He has been serving in the police for over 31 years.

In 2009 Staffo d had the opportunity to a end RAMSI (Opera on ANODE) in Solomon Islands as a contract helicopter crewman. "It gave me a great insight into the role of the Army Reserve and probably inspired me to join especially having just seen them at the fir s as well. I flew many of the Reservists and Police on deployment around the Islands as well as delivering supplies and conduc ng medivacs to the outposts", he said.



In 2012 Staffor decided to join the Army

Reserve. "I have an interest in construc on and having just built my house as an owner builder I decided the Engineers sounded the best and a Construc on Regiment near home was perfect. I started at 22nd Construc on Regiment in early 2013 and went to Kapooka aged 49. I managed to keep up with the younger blokes and got through", Staffor said. He later took part in the parade that combined 22nd Construc on Regiment with 4 CER to form 22 Engineer Regiment. Staffo d went on to say, "It has been an interes ng me to join and I am serving with many people who have seen ac ve service. I don't mind admi ng I am proud to be a part of the Regiment and to be able to work with them. I have also had the honour of marching twice with the 'old' Sappers at the Reserve Forces Day parade. I recommend other Reservists' to join in this year. As a Combat Engineer in 10CES I see a lot of similaries to my fulleme work, it is all about ge ng the job done with what you have available."

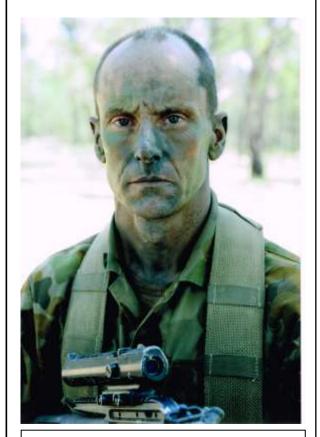


Staffor said he was lucky to be on the firs Reserve intake to a end the new SME at Holsworthy and got to go back for a number of lessons at the old SME at Moorebank. "It was a ghost town but full of so much history that we were honoured to be there. I am sure over me the new SME will be full of its own history but the old SME will never be forgo en, the new Sappers will see to that", he said.

Staffor has been married 23 years and has a 19 year old son and a daughter aged 17. Following his families' military traditi n, his son, a 2nd year Army O er Cadet is studying

Science at ADFA in Canberra. "He hopes to get into Avia on but I will see if I can convince him to be a Sapper. It will be interes ng when I have to call my son 'Sir' and salute him!" he said.

Staffor is also in the process of fully restoring a 1968 Morris Mini Cooper S.



Sapper-Australia-Waterloo Connec on CAPT Andrew White was born on 23 September 1793 to Rachel Turner, the convict house keeper of the First Fleet's Surgeon General, John White. John White le NSW but made provision for Andrew and his mother. Andrew received a Bri sh educa on and entered the Bri sh Army with a Commission (dated 1 July 1812) as a Second Lieutenant in the Royal **Engineers**. He went to France in 1813 and He returned to served at Waterloo. Australia to his emancipated mother. He died on 24 November 1837.

Issue 93 Podcast

Gallipoli

The word 'Gallipoli' reverberates with significa ce as the fabled origin of an independent Australian identit . As a military campaign it is legend but, does the yarn stand up to history?

In this Nightlife podcast of a recent Literary Event Fairfax Columnist and prolific author Peter Fitzsimons reveals that when it comes to Australia's bap sm of fire on the Gallipoli Peninsular the truth makes just about as good a yarn as you can get.

Click the link below to access this podcast:

h p://www.abc.net.au/nightlife/stories/4141766.htm

Peter Fitzsimons



TEXTS IN THE CITY—DEAR AMERICA

In this episode of Texts in the City, Tony Birch looks at Bernard Edelman's *Dear America: Le ers Home from Vietnam* with author and Vietnam veteran Barry Heard. They discuss war and trauma, and questio s of honesty, memory and emotio al sensi vity —in the context of both the text and Heard's personal experiences.

Click the link below to listen:

<u>h p://www.wheelercentre.com/broadcasts/texts-in-the-city-dear-america</u>

Editor's Note:

Podcasts listed in Sapper Summit do not promote the views or opinions of the RAE Associatio Victoria Inc. Podcast are included to provide readers with material of historical military or military related interest. (Ed)

Rob Youl's Column

I'd planned columns on Korea, after a fascinati g seminar late last year on that rather overlooked war, whose grave rami catio s remain. Our editor's justi d emphasis on Vietnam in 2016, fi years a er Long Tan, sees me postponing the Korean project, and wri ng broadly about Vietnam to help set the scene.

My fir t Indochinese memories: May 1954, Movietone news at Traralgon's Valley theatre, Dien Bien Phu, besieged 55 days, aerial view, blurred black landscape, smoke-bursts; and later on a *Victorian School Paper* cover showing happy kids and dairy cow given by Australia's Colombo Plan to their village in one of the three small friendly Indochinese countries: South Vietnam, Cambodia and Laos.

Over the next decade, one became vaguely aware of the complex regional poli cs via occasional news stories, the growing US military involvement, then our own, and eventually on 6 July 1964 Australia's fi st ba le casualty, infanteer WO II Kevin Conway. Fi een months later I was in the army myself, thanks to conscriptio , which began on 30 June 1965.

Predictably, today's reunited Socialist Republic of Vietnam is a complex country with 92 million people: 86 percent Kinh, the dominant plains-dwelling Vietnamese whose forebears se led there and in Cambodia from China from roughly 1000 BC-1000 AD, and 14 percent 'Montagnards', the earlier inhabitants, the diverse peoples (there are 54 groupings) whom the Kinh pushed back into the highlands. Of Austronesian origin (like Polynesians), speaking many di erent tongues, the Montagnards also live in south-west China, Laos, Thailand, Myanmar and north-east India. Ho Chi Minh City has at least 8.5 million people, and Hanoi 7.5 million. The religions by percentage: indigenous 45, no religion 28, Buddhist 16, Christia 8, with 70 000 Muslims and 50 000 Hindu.

Vietnam was increasingly reluctantly part of the Chinese empire from 111 BC-939 AD, when victory at Bach Dang River brought independence and its own prosperous kingdom, which later, via frequent warfare, extended west into modern Cambodia, all of which France colonised in the mid 19th century, creati g three Vietnamese enti es, Tonkin, Annam and Cochin China. France also appropriated Laos and Cambodia. An -French rebellions were common and bloody, but France brought modernism and strengthened Catholicism. With Vichy approval, Japanese forces occupied the French colonies from 1940-45 – from before Pearl Harbor. Indeed, US sanc ons and blockades to hinder Japanese imports from resource-

rich Indochina, especially rubber, steel and probably coal, helped the Japanese justi y a acking America. When war ended, France expected to return and contin e its regional rule and lucrati e trade in Vietnam. Indeed, the July 1945 Potsdam talks rati ed Indochina as French, dividing it at the 18th parallel so Chiang Kai-shek in the north and Lord Mountba en in the south could receive the Japanese surrender. Because France was exhausted, a Bri sh-Indian force landed to help the French regain control — shades of the Dutch East Indies. It seems few at the top realised then that many colonised peoples had had enough.

However a pragmatic nati nalist leader, Ho Chi Minh, who had lived in France, trained in the USSR, and, with US backing, ably led his Viet Minh against the Japanese, declared a pro-communist Democrati Republic of Vietnam, soon recognised by the Soviet Union and China. Shamefully, in the interregnum between Japan's surrender and the French return, lengthened by Macarthur's publicity machine and bad weather deferring the Tokyo surrender, chaos reigned, with Bri sh and Indian troops, rearmed Vichy French POWs and Japanese soldiers holding back the Viet Minh. Interestingl, the US had no great desire to see colonial administratio s re-established. And Ho's ruthless government led many to flee south.

The Viet Minh and France fought the First Indochina War for the next nine years; France backed its puppet, decadent, but stil infl entia, emperor Bao Dai, who walked a ti htrope. Despite substantial US support, the war, oft in between major formations, went badly. Dien Bien Phu brought its bloody end, when in a northern upland valley surrounded by ti bered ranges, 50 000 Viet Minh systemati ally undermined then over-ran 20 000 exposed French and French colonial forces. The armisti e eventually, despite argy-bargy and Ho Chi Minh's six months in Paris, created two 'temporary' states divided by the 17th parallel: North Vietnam, under Ho and centred on Hanoi, and South Vietnam, with Saigon its capital and its leader, Ngo Dinh Diem, one of several over the next almost twenty years. Bao Dai, now living in France, had made a 'captain's pick'.

A vigne e: Sgt George Scheldt, was a memorable cook with the MMBW and 6 Construc on Group unti the 1980s or beyond. He told me he cycled from his na ve Germany to Asia after WW II, joined the French Foreign Legion, and fought at Dien Bien Phu. More esoteric was a scene from Bernard Fall's *Street Without Joy*, OTU Scheyville's bible: French army camp; four o cers playing tennis in whites; waiting stoically to speak to one of the quartet a Cambodian warrant offi r, a smartly starched colonial NCO with three rows of ribbons, indicating long loyal service to France in various ugly African colonial campaigns, plus Free France during WWII. The o cers ignore him. Suddenly

a distant bugle indicates the tricolor's lowering at sunset. The Cambodian braces to a entio and crisply salutes La France. Tennis contin es, uninterrupted.

Following parti on, the Second Indochina War commenced. My outline will not suffi , but here goes, helped greatly by the VVAA website (h p:// www.vvaa.org.au/calendar.htm). Firstly in 1955 more US military aid arrived in the south, backed by training. In Canberra in 1957, Ngo Dinh Diem met PM Menzies, who promised our backing. In 1960 the Nati nal Liberatio Front for Vietnam emerged; the southerners dubbed it Viet Cong ('communist Vietnamese'). In May 1962 Defence Minister Athol Townley announced 30 army advisors would go to South Vietnam, and the Australian Army Training Team Vietnam (AATTV) formed in August that year. In November 1963 Diem and his brother, both Catholic, tyrants, and now alienated from the predominantly Buddhist populatio, were murdered during a US-approved coup. Instability mul plied, facilitating further northern infiltr tio Soon after, with John Kennedy dead, the incoming Lyndon Johnson announced a much greater US commitment, ini ally 15 000 advisors. By mid 1964, the AATTV numbered over 80; it grew further to operate all over South Vietnam and doubtless beyond, with the endurance and drive of its highly professional members widely recognised. In August 1964, a decision still debated, Congress hugely extended Johnson's powers with respect to Vietnam aft r US Navy ships were allegedly a acked o North Vietnam in the Gulf of Tonkin. The US force grew quickly, division by division, to a peak half million servicemen. The USAF heavily bombed North Vietnam.

Menzies reintroduced natio al service on 10 November 1964 to increase our army by forty percent. A month later he commi ed a ba alion group based on 1RAR, with APC, signals and logisti support, to be statio ed with the US 173 Airborne Division at Bien Hoa, just north of Saigon, now Ho Chi Minh City. In early June that force disembarked from HMAS Sydney at Vung Tau; on 30 June natio al service started, with 2000 men marching into rapidly constructed or renovated barracks at Puckapunyal and Kapooka. 1 RAR was strengthened from August 1965 with artillery, addi onal APCs, fi ld engineers - from 1 Field Squadron RAE, army helicopters and light aircraft, and more logisti s. At least half of the Australian community then supported our Indochinese presence, but by late October, dissent surfaced with 65 arrests at Sydney's fir t demonstra on. The many further protests over the next six years had big poli cal repercussions.

The pace quickened: WOII 'Dasher' Wheatley was nominated posthumously for the Victoria Cross that November – the fir t of four VCs in Vietnam, all AATTV;

Harold Holt became PM when Menzies reti ed in January 1966; on 6 March Holt announced that a task force (1 ATF), 4350-strong (including many 'nashos'), would replace 1 RAR and operate more independently in Phuoc Tuy (now Ba Ria-Vung Tau), a coastal province across the bay from Saigon. It would comprise two ba alions (5RAR and 6 RAR), an SAS squadron, extensive combat and logisti support, with eight Iroquois helicopters from 9 Squadron RAAF; Vung Tau would house 1 Australian Logis c Support Group (1 ALSG). Most army units included 'nashos'. New Zealand's RNZA supplied a very competent fie d ba ery that we had long worked with in Malaya.

Amazingly, twelve weeks later on 24 May, RAAF Iroquois ferried 5 RAR into the selected tac cal base, a rubber plantatio at Nui Dat, NNE of and less than 25 kilometres inland from 1 ALSG; by 4 June 1ATF was fully on the ground. These early days saw the fir t nasho killed, South Australian Private Errol Noack, and on 18 August the cri cal Ba le of Long Tan, when D Company 6 RAR, with guts, accurate arti lery, excellent leadership, astonishingly good soldiering, help from atrocious weather and luck, bumped into and fought a large enemy force, Viet Cong and North Vietnamese, of whom at least 245 died, compared with 18 Australians. This early decisive actio meant more prudent enemy regional strategies and operatio s therea er. That aftern on, D Company soldiers, as they unknowingly approached one of our now more famous ba legrounds, heard Col Joye and the Joy Boys and Li le Pa entertaining the task force at nearby Nui Dat. Amongst the privates reinforcing ba ered D Company aft r Long Tan was my good friend and Ringwood colleague WOI Ted Boltong.

More than a skeletal meline for Australia's following tough eight-nine years is beyond this column. The task force grew to three ba alions and a tank squadron (Centurions with their accurate guns but limited jungle mobility), and included a NZ rifl company, ini ally serving with 2RAR. We weathered the South Vietnamwide Tet O ensive in late January 1968, when Baria, between our two bases, was a acked. Theatre-wide heavy enemy losses were counterbalanced by poli cal gains and increased Western dissati factio with the war. Later in 1968 we fought and survived the vicious hand-to-hand Balles of Fire Support Bases Coral and Balmoral back in Bien Hoa province; twenty-six died and over 100 were wounded. In August 1969 polling showed 55 percent of Australians wanted our troops home. Ho, 79, died the next month.

That December the US withdrew 25 000 troops, planning further repatriatio . PM Gorton announced plans for reduc ons, and did not replace 8 RAR when it returned in November 1970. By now co-ordinated moratorium rallies in capital ci es were drawing up to

120 000 protestors. William McMahon, Gorton's successor, further reduced 1 ATF, extrac ng the tanks, Canberra bombers and some Caribou transports – by now RAAF aircraft operated across South Vietnam.

On 18 August 1971, the PM announced all units would return, excepting a diminished AATTV, and also shortened 'nasho' obligati ns to eighteen months. On 6 October 3 RAR airlift d onto HMAS Sydney from Nui Dat; next day 4 RAR decamped for Vung Tau. On 27 January 1972, a US-North Vietnamese peace agreement was signed, and six weeks later 1 ALSG Vung Tau shrank to a 150-strong 'assistance group'. AATTV remained, also reduced. On 2 December 1972, the new Whitlam government terminated conscriptio, pardoned imprisoned protestors and, days later, ended our Vietnamese military commitments as precisely as it could. On 23 January 1973, President Nixon announced 'peace with honour'! A ceasefire rapidly followed. In February 1973, Australian recognised the Hanoi government, but maintained links with Saigon. The last US units left on 29 March.

Ceasefi e violatio s mounted, and in January 1974 the South's president, Nguyen Van Thieu, pronounced that the war had restarted. From late March, RAAF aircraft fle numerous relief missions; one of the last helped evacuate our Saigon embassy. By 30 April, after four chaoti months, Saigon had fallen. Vietnam was one country. A side effect was the migratio of over 150 000 Vietnamese to Australia over the next two decades or so, the first by small boat, aft rwards mostly via offi al channels. Doubtless, numerous descendants serve in the ADF.

Soldiering in Vietnam? We served alongside the South Vietnamese Army, US, NZ, the Philippines, Korea and Thailand against a local, well organised opponent – the combined North Vietnamese Army and the South's doughty mili a, the VC. None would doubt Vietnamese military prowess on either side when motilated and well supplied. Our arms units faced challenging long patrols through forest and farmland, recon and ambushes, harrowing village clearances, generally well supported by allied arti lery, and occasional set-piece engagements. Jungle skills from Malaya and Borneo were vital, their messiahs Brigadier Ted Serong and Colonel George Warfe. Air superiority was ours, and army and RAAF helicopters came into their own, but of course were vulnerable to Russian and Chinese groundair weapons, supplied profusely via the Ho Chi Minh Trail, running tortuously through Laos. Russia also provided 15 000 combat advisors - like our AATTV? USproduced APCs were our basic armoured vehicles, oft in modifi d for mortars, medevac, maintenance, salvage, resupply and other tasks. Sappers played their tradi onal roles: minelaying and clearing (our worst problem?), fie d defences, diverse military and civil

construc on, water supply, dealing with booby traps, land clearing, community projects, demoli ons. (What have I missed? Doubtless, lots!) And at least one new gig: tunnel warfare. The enemy burrowed everywhere, oft n deeply, to hide, heal, store food and materiel and facilitate a acks and withdrawals. The RAE had to locate, explore and destroy these tunnels.

By drawing many contributio s this year from readers who served there from 1962-72, we hope *Sapper Summit* can expand the above osteoporosic skeleton. Tell us about your service! And your return to Oz! Popular accounts indicate homecoming soldiers were shunned, but Mark Dapin in his excellent *Vietnam: The Nashos' War* could only discern cheering crowds and warm public welcomes. Nevertheless, we have all heard stories of hurtf I reactions at more in mate levels.

The toll: well over three million Vietnamese, over 58 200 US service personnel (almost all etched onto Washington's Wall), and 502 Australians (directly – but some later deaths soon aft r at home seemed tightly bound to the war), plus 37 Kiwi soldiers. Even when 40 000 strong, Australia's army was like a family, so each casualty was painful. Since then many veterans have died prematurely or severely declined. However when I scan the ranks every Anzac Day, hundreds look pre y standard Oz males to me. Clearly, the Vietnam War made many good and bad contributio s to our psyche, culture, history and place in the region and world, and to our armed forces.

Vietnam post-war under collec vist Le Duan proved no paradise, with rese lement, re-educatio , refugees and revenge, and the tragic Third Indochina War from 1978-91 across the region through Cambodia and Laos, and into Thailand. It also involved, topically, ba les between Vietnam and China on their land border, and in the Spratlys. However 1986 saw leadership and policy reforms, and a 'socialist-oriented market economy', aft r which the country opened up, and liberalised, so that it is now a literate world citiz n, industrial, a major World Trade Organizatio member and an oil-producer. S Il centralised and Communist Party-run, including the media, it isn't problem-free, but, in the Australian tradi on, thankfully our enemy has become our friend and trading partner.

Finally, briefl , the geography and infrastructure ... I enjoyed a visit in 1998. Having missed it in warti e, I was keen to go. Some 1800 kilometres long and from 50-600 kilometres wide, Vietnam is the size of Germany, with forested mountains and ferti e basaltic plateaus to the west, and generally coastal plain and forest to the east, with Hanoi astride the Red River, the great northern basin, and Saigon on one of the numerous distributaries of the Mekong Delta, many

dredged and straightened for river tra c. The monsoonal climate varies from north to south, and there are rather arid rain-shadows. Though not overlooked by government, the rich biodiversity is hugely stressed by the usual factors: populatio, expansion of farming, dam-building, poaching, the pet trade, war and climate change. Tourism brings massive income; scenic delights include Ha Long Bay's spectacular limestone pinnacles, colonial Hanoi, the superb fishing village of Hoi An near Da Nang, the intriguing ornate brick Cham towers that dot central Vietnam, the granite coast around Nha Trang, and bustling Ho Chi Minh City, where my daughter was nursing this February. War me relics abound, especially B57 fuselage parts: my cousin said he saw the Chinese T59 tank that crashed through the Saigon palace gates ten times. You can readily go to Khe Sanh and the DMZ, as I did. Vietnam is a geneti treasure trove agriculturally, with co ee, rice and cashews major exports, and the food is superb. Finally, whereas bicycles, motor scooters, motorcycles and buses transport almost everyone, with a daily average toll of 30, a high-speed rail line over 1600 kilometres long will eventually link the two metropolises, replacing the colonial-era service. What changes in half a century!

Rob's sketches:

Saigon Cathedral



Hoi An Market



Na Trang



Ba Ria



SME Vietnam Memorial Holsworthy NSW





ANZAC DAY ARRANGEMENTS ANNOUNCED

In 2016 members and fellow sappers have been invited to par cipate in a number of ANZAC Day commemora ve activi es. These are detailed below:

ANZAC DAY 2016



22nd Engineer Regiment

The Commanding O er, LTCOL MA McCormack and members of the 22nd Engineer Regiment cordially invite family, past members, friends, associatio s and employers to the ANZAC Day Dawn Service to be held at Ringwood Training Depot on the 25 Apr 16.

Timings:

Gunfire breakfast – 0530 h Service commences - 0600 h Service concludes – 0640 h Breakfast – 0645 h Bar Open – 0700 h Bar Closed – 1000h

Inclement weather:

In the case of inclement weather, the Dawn Service will be held in the Drill Hall.

Dress:

Civilian dress is Lounge suit (or female equivalent). Military members are requested to wear Dress Order 2C – Ceremonial dress.

Unit POC:

The Regimental Sergeant Major can be contacted at anthony.luchterhand@defence.gov.au for any ANZAC Day issues.

RINGWOOD RSL



The President of Ringwood and RSL and regular contributor to Sapper Summit, David Jamieson, has invited the RAE Associatio -Victoria to

parti ipate in the 2016 Ringwood ANZAC march and commemorati e service.

Date: Sunday 17 April

0930—assemble at New/Seymour Streets, Ringwood (formerly Target Square)

1000—March commences proceeding east along Maroondah Highway to the Memorial Clock Tower.

1030—Memorial service and wreath laying.

1100—Re form and march to Ringwood RSL clubrooms where refreshments will be served.

MELBOURNE ANZAC DAY COMMEMORATIVE MARCH

Date: 25 April

Assemble 1130 hours Collins Street, west of Swanston St on the south side.
Step o at 1155 hours.

For both the Ringwood and Melbourne marches, the RAE Associatio will march as a group. These are major events for the Associatio and the Associatio welcomes the parti ipatio of all serving and reti ed sappers.

RSL march protocols apply to both events. These can be found on the Associatio 's website at:

h ps://www.raevictoria.asn.au/projects-andevents.php

A photographic feature of ANZAC Day 2016 will be published in Sapper Summit 94 which should be available in late May.

Please check the Associatio 's web site and Facebook page regularly for updates on ANZAC Day 2016.

The RAE Associatio (Vic) is conducing a number of events and tours in 2016. Please check our web site regularly for updates and event details at www.raevictoria.asn.au

RAE Association (Vic) Events Calendar 2016

Committee Mee ngs 09 Feb, 12 Apr, 14 Jun,09 Aug, 11 Oct, 13 Dec. Loca ons and mes TBA

History Project Mee ngs (bi monthly) Contact Noel Tipton 22 Construc on Regt and Don Hughes for 4 CER details.

Sapper Summit - tri monthly.

"LARK FORCE" celebra ons Jan (OSA)

2016 Sapper Muster 27 Feb at Oakleigh Barracks

Visit to SME Museum Saturday 12 March

Good Friday Children's Appeal (Bus from Ringwood Depot) 25 MARCH

Associati n AGM 12 April preceded by Committee of Management Mee ng.

17 April Ringwood RSL ANZAC March

Heidelberg, ANZAC Ceremony Heidelberg Repatria on Hospital 22 April

ANZAC Day wreath laying Dawn Services Ringwood RSL and 22 ER

ANZAC Parade 25 April. March with RAE Association Victoria banner.

VISIT to Repat Hospital Thursday 12 May

Blue Tongues Reunion Nagambie dates TBA

Sir CLIVE STEELE Lecture 27 May Oakleigh Barracks,

Waterloo Dinner -18 June -Loc TBA

OSA Waterloo Dinner June Loc TBA

Reserve Force Day March 3 July at the Shrine.

Long Tan Vietnam Veterans' Day August 18

Peacekeepers and Peacemaker Day = September

22 Construc on Regiment Reunion Group 21-22 October Bendigo

Woodies

Loca on and dates TBA

Visit 22 ER Sapper training TBA

RAE Founda on "Reynolds Dinner" visit www.raefounda on.org.au

Puckapunyal Firepower Demonstra on – October

Remembrance Day 11 November

22 Engineer Regiment End of Year Parade and RAE Associati n Awards presenta on – November

Sapper Christmas get together - TBA



VICTORIA CROSS—AUSTRALIAN SAPPER HISTORY

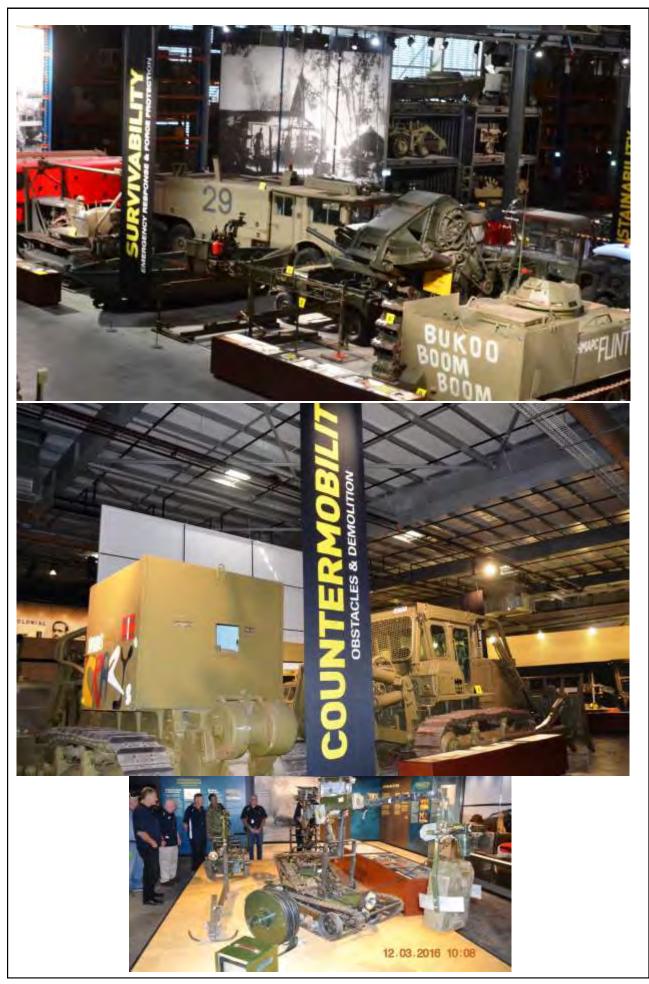
The firs Australian born VC recipient was Mark Sever BELL who was born in Sydney On 15 May 1843. LT BELL was awarded the Victoria Cross whilst serving with the Royal Engineers in the Ashan War in Bri sh West Africa (now Ghana) in 1874 but is not included in the list of Australian VC recipients because he le Australia as an infant and did not regard himself as Australian. He received his award from the Queen at Windsor Castle on 27 November 1874.

VISIT TO AUSTRALIAN ARMY MUSEUM OF MILITARY ENGINEERING



A small but enthusiastic group of RAE Associati n—Victoria members travelling to Holswothy on 12 March to enjoy a guided tour of the Australian Army Museum of Military Engineering. This is a state of the art museum which aims to tell the Australian "sapper story" through the innova ve and careful display of many of the half a million items held by the museum. Museum Curator, Sebasti n Spencer conducted a guided tour for the group and all bene ted from his enthusiasm and extensive knowledge of the both the museum's artefacts and Sapper history. The museum features a meline depic ng the story of Australian Military Engineering from colonial mes. The "Ubique Gallery" holds and extraordinary collec on of maps, documents and historical items from every confli t, deployment and humanitarian contribu on involving sappers. The main body of the museum displays an amazing collec on of plant and equipment arranged to RAE tasking groups. Sebas an's expert knowledge ensured the group was introduced to the rst bulldozer ever built in Australia (apparently made from parts copied from a US dozer "borrowed" from the docks during WW2 by enterprising sappers who saw a need for Australian supplied equipment), the railway carriage designed to transport the Centurion tanks when they arrived in the 1950's with no means of transpor ng them from the delivery ships, the improvised mine clearance M113 from Vietnam, the habits of the EDD Sabre from SMEthe group missed nothing. In the three hours the group spent at AAMME, much was seen and learned but it would be fair to say that only the surface of the museum's collec on was scratched in that me.

The museum is actively seeking material from the post Vietnam years. A Bushmaster, severely damaged by an IED in Afghanistan is about to arrive and at the me of going to press, it is understood Associati n members are in the process of dona ng material from a number of humanitarian demining programmes. The museum is open to the public but it is situated within the Holsworthy Military Area. Consequently, visitors need to comply with base security arrangements. If you wish to visit the museum, call firs to square away your access .

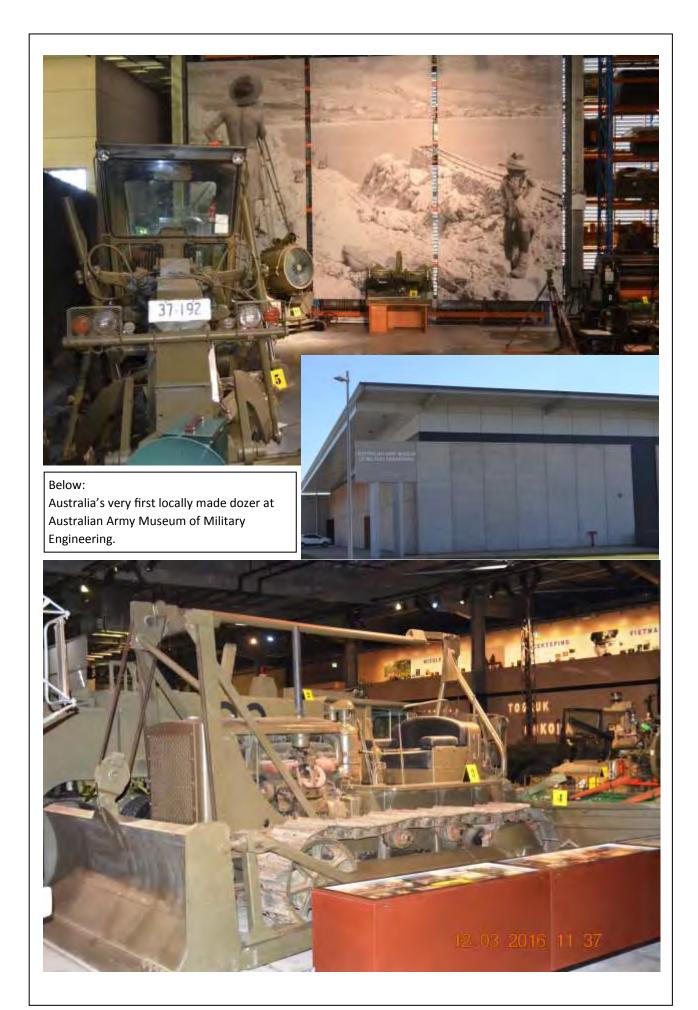












RAE ASSOCIATION SAPPER MUSTER OAKLEIGH BARRACKS 27th FEBRUARY 2016

Aft r many months of planning and hard work by a dedicated group a reunion was held on 26th February 2016 which contin ed the theme along WW1 lines. This was the third consecu ve reunion held by the Associatio .

Overall numbers were down on previous years but even so there were over 100 people who a ended who enjoyed renewing friendships, ample food and the opportunity of reliving their military service. It wasn't only a night for those who had served as many partners and family also a ended.

This night is a very important event for the Associatio not only for the social and comradery aspect but also it is the major social event on the Associatio 's calendar.

As with all evenings there has to be some formalitis and these included a report by the President (LTCOL Colin Bowater (Retd) and the presentatio of the RAE Association 2015 awards to the soldiers of 22 Engineer Regiment — because of the tempo of the Regiment it has proved very discussed up to complete the presentation of the Outstanding Soldier and NCO. No matter how hard we tried we could still not achieve a perfect score of bringing all the recipients together as SPR William Van Berkel could not a send due to a family commitment.

Colin Bowater made a special presentatio to his son CAPT Steven Bowater (RAN) of an Associatio shirt and gave a brief outline of Steven's military career. Regretf lly Steven will be heading to Sydney in 2017 to a new postin. He has been a regular a ender at the func on and a great supporter including arranging and allowing the trip to West Head Gunnery Range in 2015. Steven and his wife Juliene will certainly be missed.

The Associatio Patrol (COL John Wertheimer AO, RFD Retd) made the presentatio s on behalf of the Associatio to LCPL Anurag Sharma and LT Simon Duell. The Honour Board has been updated to refle t these awards.

The Patron went on to provide an update on the Corps including the fact that the fift volume of the RAE Corps history is currently underway. COL Wertheimer also gave an update on the address by the HOC (BRIG Budd) to the Reynolds Dinner which was held in Melbourne on 26th February 2016 – fir t ti e the dinner had been held outside of Capherra

During his speech COL Wertheimer touched on the previous year and the achievements of the Associatio — he also went onto mentio that BRIG Budd spoke of the ANZAC Trip in 2015 and the Waterloo Dinner held on 18th June 2015

It transpires that SGT Tom Vallas (PLT SGT Oakleigh) had won an award and was an invited representatie of the Corps on the trip and spoke briefle of his award and the outstanding trip that he received.

Regretf Ily the CO of 22 ER could not a end due to an interstate commitment but her representa ve (MAJ Dave Bergman OPSO 22 ER) spoke on her behalf and delivered a an update on the Regiment and its future. On a lighter side MAJ Bergman took ti e to thank COL Howard Ellis for a saving the career of an O cer Cadet who was having a pre y down time and having this Cadet posted to the Corps of RAE – David was very grateful for COL Ellis's guidance and his career with the RAE.

The func on was held in the combined O ers Sgts Mess at the Oakleigh Barracks and special thanks must go to LTCOL **Michelle McCormack** for the use of these facilies along with her stabecause without LTCOL McCormack's personal contribution and support this event would not have been possible.

The cooks Ron Willis and Dali did a wonderful job in providing a continous supply of hot filinger foods which was delivered by a smiling and helpful Peter Borzdynski. Duty Offiling r for the night was SGT Kevin (Axe) Davies (formerly a 39 Const Sqn member). Noel Tipton, his wonderful daughter Amy and Michael Hutchinson looked aftir the bar to perfection.

Special guests were **the Commanding Officer of HMAS Cerberus, Captain Steve Bowater OAM RAN**. Capt Bowater was invited as the senior Victorian Naval Offi r because of the RAE's close links with HMAS Cerberus over the years,

Patron of RAE Associa on COL John Wertheimer OA, RFD (Retd) and Mr Geoff and Mrs Laurel Coghlan representing the President of the Ringwood RSL (David Jamison)

COL COMDT RAE Southern Region (BRIG P.J. (Hutch) Hutchinson, DSC (Retd) was also an apology due to an interstate commitment.

BRIG Kerry McManus and Bob Slater both a ended along with a large number of other senior retir d personnel both from the O cer and WO/SNCO ranks – COL John Raike also found time out of a very busy schedule to come along for a couple of hours. COL Raike is a great supporter of the Associatio .

The night brought together a good cross sectio of sappers of various ages and ranks and this was the principal objectie of the night. It was good to see a number of currently serving sappers from the Regiment. Most of these had been on a training weekend at Newborough for Ex Jacka and travelled up for the function.

Travelling up from Newborough was the Regiments senior Sapper in WO1 Tony Luchterhand who assumed the role of RSM at the start of the year. Great to have the support of Tony and the Associatio looks forward to a very close working relationship with him. Welcome Tony.

Bearing in mind the ages of some of the guests they did a marvellous job to travel to the func on and remain there for many hours. The knowledge and amount of service in the room is hard to comprehend.

Lots of stories about the old days, two week Exs, SLR's, M60's, on the job training, and winning many ba les and the thought that the soldiers of today would not be able to handle the "old days" but all certainly acknowledged the professional a ude and approach of today's soldiers and this is clearly evident in LCPL Sharma and LT Duell.

Thanks everyone for your support and a endance.























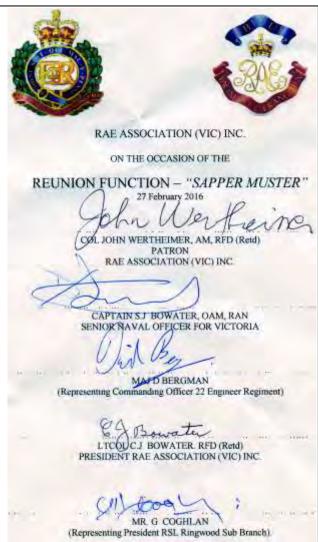
















50th Anniversary of Battle of Long Tan Feature Rifles and Sub Machine Guns of the Vietnam War

This is the first feature in a series on weapons used in the Vietnam War.

In recogni on of the 50th anniversary of the Ba le of Long Tan, Sapper Summit will run features throughout 2016 that focus on the Vietnam War. Last year, a number of features were run on weapons of the Great War. This is the fir t in a similar series that will represent some of the ri es and sub machine guns used by the various forces during the Vietnam War. It is not an exhausti e list and is presented to provide readers with an insight into weapons of a conflict that was fought some 50 year ago.



AUSTRALIA

SLR L1A1



Length	1143mm
Calibre	7.62x51 NATO
Weight Loaded	5kg
Magazine	20
Rate of Fire	30-40RPM
Muzzle Velocity	838mps



L2A1





L2A1 automatic rifle

Although Britain decided that an automatic version of the L1A1 was not required, both Australia and Canada developed these versions. Total production was 9,557 rifles

Production of the L2A1 commenced in 1962 and just under 10,000 were manufactured. It featured a heavy barrel, a folding bipod complete with wooden inserts which served as a forewood when the bipod was in the folded position, selector lever for single-shot or automatic fire and a 30 round magazine. The carrying handle was relocated to allow for a different point of balance.

OWEN SMG





Length	813mm
Calibre	9mm
Weight Loaded	4.815kg
Magazine	33
Rate of Fire	700rpm
Muzzle Velocity	430mps

FI SMG





Length	714mm
Calibre	9mm
Weight Loaded	4.3kg
Magazine	34
Rate of Fire	640rpm
Muzzle Velocity	366mps

M16A1



Length	990mm
Calibre	5.56mm
Weight Loaded	3.64kg
Magazine	20-30
Rate of Fire	700-950rpm
Muzzle Velocity	1000mps



M16/M203



M16A1 ri e fi ed with M203 40mm grenade launcher. This launcher can propel small spin stabilized grenades up to 350m.

NVA and Nati nal Liberatio Front Forces AK47 (USSR)



Length	869mm
Calibre	7.62x39
Weight Loaded	5.13kg
Magazine	30
Rate of Fire	600rpm
Muzzle Velocity	710rpm



TYPE 56 (PRC)





SKS (USSR)







Length	1.021m
Calibre	7.62x39mm
Weight empty	3.85kg
Feed	10 round stripper clip
Rate of Fire	35-40rpm
Muzzle Velocity	735mps

PPSh 41 (USSR)



Length	828mm
Calibre	7.62x25mm Tokarev
Weight Loaded	5.4kg
Magazine	71 drum or 35 round box
Rate of Fire	900rpm
Muzzle Velocity	488mps



PPS43(USSR)





Length	808mm
Calibre	7.62x25mm
Weight Loaded	3.9kg
Magazine	35
Rate of Fire	700rpm
Muzzle Velocity	488mps

Nagant 1938 (USSR)



Length	1.016mm
Calibre	7.62x54mm
Weight Loaded	3.47kg
Magazine	5 round
Rate of Fire	variable
Muzzle Velocity	566mps



OTHER ALLIED FORCES

M14 (USA)



Length	1.12m
Calibre	7.62x51mm NATO
Weight	3.88kg
Magazine	20 round box
Rate of Fire	700rpm
Muzzle Velocity	853mps



M1 Carbine (US and ARVN)



Length	904mm
Calibre	.30" Carbine
Weight	2.36kg
Magazine	15 or 30 round box
Rate of Fire	850rpm
Muzzle Velocity	600mps



ARVN soldier (left holding a US M1 Carbine.



Stoner 63 SYSTEM (USA)



The Stoner 63 System was formed from 17 modular units that could be assembled and arranged to produce a whole series of weapons. It is included here as the basic weapon was a carbine with a folding bu .

Length	1.022m
Calibre	5.56mm
Weight Loaded	4.39kg
Magazine	30 round box-various
Rate of Fire	660rpm
Muzzle Velocity	1000mps

M3A1 (US and ARVN)



Length	760mm
Calibre	.45ACP
Weight	3.70kg
Magazine	30 round box
Rate of Fire	450rpm
Muzzle Velocity	280mps



Right– Common calibres demonstrated.



OLD SAPPERS TO THE RESCUE

By Don Hughes RAE

The worst day of my life was when two of my Sappers, Mozambiquan Deminers, simultaneously stepped on Russian made PMN an personal blast landmines (nicknamed the "black widows") just outside a remote mine eld in southern Mozambique at 0818 hrs on 16th December 1994. I had been their new boss since 0700 hrs that morning (78 minutes)!

Raphael died of his wounds a few days later. Lucas survived but was missing his le leg, the family jewels and part of his le hand. Lucas was lucky that he also did not lose his eyesight, which is common in these types of incidents!

At this early stage of the new demining program in Mozambique (ONUMOZ) no repatria on or compensati n system was in place to look a er injured deminers.

Through Colonel Howard Ellis RFD, the Commander of the Logistic Support Force Engineers based in Oakleigh, he was able to contact the Old Sappers Associa on of Victoria on my behalf to assist.

The Old Sappers replied instantly. Within days, I had \$300 (US) to present to Lucas on behalf of the Old Sappers Associati n of Victoria. In a country like Mozambique, this is worth an absolute fortune!

I was also able to organise a wheelchair and give Lucas a job as a storeman in the Demining Program Quartermasters Store. For a man with a young family this was so important for his rehabilita on and future wellbeing. It was also crucial that the 400 strong Mozambiquan Demining Team witnessed such great support a er their firs mine incident.

I am forever grateful that when one of my Sappers needed help — the Old Sappers Associati n of Victoria were there to help. Not only to support Lucas, but also me and the whole Demining Team. Thankyou Old Sappers Association of Victoria, your legacy and unfailing support will never be forgo en.

Editor's Note: At the me of going to press, word has just been received that Consumer A airs Victoria is issued a no ce formally winding up the Old Sappers Associa on. The OSA had previously resolved to become incorporated into the RAE Associati n—Victoria. The RAE Associa on welcomes all OSA members and congratulates the OSA on over 80 years of service to the sapper community.

AUSTRALIAN PEACEKEEPERS IN MOZAMBIQUE:

Li le known, hugely successful and greatly appreciated!

Australian Federal Police, Australian Electoral Commission, Department of Foreign A airs & Trade and Royal Australian Engineers (RAE)
ONUMOZ/OP CORACLE
Mar 1993- Mar 2002

By Don Hughes

One of the most successful, but li le known, Peacekeeping and Humanitarian Support Opera ons for the United Na ons conducted by Australia was in Mozambique. The country had endured 15 Years of a nasty, destruc ve and violent conflic which ceased in 1992.

Mozambique is now a rapidly developing 21st Century African na on with a growing poten al related to its booming resource (minerals & gas) and tourism industries. This is in direct comparison to 23 years ago when the country was in a deep quagmire of despair and destruc on: a country struggling to survive, let alone prosper!

Australia's firs assistance to this 'country in distress' was with two con ngents (16 in each) of highly qualifi d Australian Federal

Police (AFP) deployed during the ini al stages of the Peacekeeping Opera on in Mozambique (ONUMOZ). Their Mission was to render cri cal Policing and Legal support during the demobilisa on, stabilisa on, and most importantly, the elec on phase of the peacekeeping process.

The AFP con ngents deployed in the periods (Mar- Sep 93 & Sep 93- Dec 94) in two person teams and also individually. Their roles included: Regional or Provincial Commanders, Opera on O ers or as Front Line Patrol O ers. This was diffi It and exacti g work. An office was also deployed to the ONUMOZ Headquarters as an Investiga ons O er.

Four O ers from the Australian Electoral Commission coupled with 8 O ers from the Department of Foreign Aff irs & Trade also deployed to help supervise the elec ons on the 27th & 28th of October 1994. They were not uniformed but were very much Peacekeepers and assisted greatly towards the successful transiti n of Mozambique from conflic to peace.

At that me ONUMOZ, although successful in many areas, was experiencing a devasta ngly risky landmine problem which was restric ng the way forward for the whole Country. A solu on was needed quickly!

The UN "put out the call" for the best humanitarian landmine clearers around the globe to rec fy the problem! Australian Sappers of the RAE were amongst a select group of countries asked to "kick start" the mine clearance programme in Mozambique. The Australian Sappers had earned themselves a solid reputa on for mine clearance & improvised explosive device (IED) detec on in a number of conflic s since Vietnam, Borneo & Malaysia. In par cular, the RAE had been in mately involved in Pakistan (UNMCTT – Peshawar), Cambodia (CMAC) and Afghanistan (UNCOA).

Captain Peter Clay (now Brigadier Peter Clay CSC), was appointed the Commander of the 1st Australian Service Con ngent (1ASC) to Opera on Coracle on 8 August 1994. His team consisted of WO2 Des O' Hanlon, Sgt Gerard "Speedy" Gonzales and Cpl John Kliese. The

team was established at Maxixe in the central Mozambique Tete Province. They conducted basic de-miner training for the de-mobilized soldiers who would ulti ately form the vanguard of the demining effor and thereby spearhead the recovery from the horrible devasta on of 15 years of civil war in Mozambique.

Promoted during his tour of duty in Mozambique, Major Peter Clay worked out of Maputo, the Mozambique Capital, for the latter part of his deployment. During this me he assisted in the establishment of the United Na ons Accelerated Deming Program (UNADP), a mine clearance capability that would become world's best practice over the next decade.

From December 1994 a two person team of Australian Sappers (Don Hughes & Wayne Hay) replaced the firs con ngent to undertake the roles of Opera ons O er and Opera ons Warrant O er under the command of ONUMOZ.



At the cessa on of the ONUMOZ mandate in February 1995 the conduct of demining opera ons was transferred to the auspices of the UN Development Programme (UNDP) and the appointments of OP CORACLE personnel assumed the roles of Chief Instructor and Training Warrant O er for the UNDP.

The transi on period from a Peacekeeping Opera on to a humanitarian program in early 1995 was a significant challenge to the demining team. Many new systems, contractors and suppliers had to be found, reestablished or created.

This two person rota on con nued un I Mar 2002 when a total of 31 RAE Sappers had

contributed to the con nuous deployment to the Demining effor in Mozambique. Oft n in remote and diffi It logistical and opera onal environments, the Sappers of OP CORACLE had to lead their teams with both vision and compassion. They had to maximise scant resources to achieve diffi It objec ves, and they had to face the constant threat of death or disfig rement by the devasta ng effe ts of deviously placed landmines.

A Mozambique Demining Seminar was held in late July 2015 at the Heidelberg Repatria on Hospital in Melbourne in conjunc on with the Australian War Memorial (AWM) and the RAE Associati n of Victoria. The aim of the seminar was to commence recording the offici history of Demining Opera ons in Mozambique by the AWM.

Associate Professor Bob Breen PhD and the Senior Mozambique Researcher Miesje de Vogel interviewed many of the OP CORACLE par cipants during the Seminar. They also had the opportunity to visit the Post Trauma c Stress Facility (Ward 17) at the Repatria on Hospital in Heidelberg.



If you feel you may have something to o er the O ial History of Mozambique please contact the Senior Researcher, Miesje de Vogel at: miesje.devogel@awm.gov.au. Further contribu ons are always sought.



Note: A Coracle is a two person round shaped boat made of wicker covered by animal skin used in Wales & western England.



Editor's Note:

Mozambique has recently been declared "landmine free". This outstanding achievement is due in no small part to the dedicated effor s of many Australian sappers. On the following page, you will fi d a letter of congratula ons prepared by RAE Head of Corps, Brigadier Wayne Budd.



Below: PMN1 anti personnel mine.





HEAD OF CORPS ROYAL AUSTRALIAN ENGINEERS CONGRATULATORY MESSAGE

To The People of Mozambique, (Through Mr Alberto Augusto Head of the Mozambican National Demining Institute)

It is with much happiness that the world read, in 2015, the declaration by the Foreign Affairs Minister of Mozambique that your country was free of land mines.

Land mines left behind by armed conflict remain a blight on the history of all modern conflicts and the achievement of the people and Government of Mozambique to persist in your many years of de-mining effort is an inspiration to all countries who suffer from a similar threat.

Personnel of the Corps of Royal Australian Engineers, from within the Australian Army participated in the humanitarian landmine clearance program started by the United Nations Peacekeeping Operation in Mozambique. Following the transfer of the demining program to the United Nations Development Programme in February 1995, the Australian Government continued to commit members of the Royal Australian Engineers to this demining program until early 2002.

At this 19th International Meeting of Mine Action National Programme Directors and United Nations Advisors, the Members of the Corps of Royal Australian Engineers of the Australian Army wish to congratulate you for your achievement and for the example you have set for all nations across the globe, as to what may be achieved when you are committed to the task.

Well done and we wish you a prosperous future.

W.G. BUDD, AM, CSC

Brigadier

Head of Corps

Royal Australian Engineers

12 February 2016

VALE John (Dusty) Draper



I regret to announce the sad news that we have lost another wonderful sapper in John "Dusty" Draper and whilst I am sure that a vast majority of you would be aware of his tragic passing it would not be fair to John if I did not acknowledge him and send out this message.

I firs came across John when he was an ARA SGT Cook at Broadmeadows just before he was to discharge and transfer to the Reserve. A er discharge from the ARA he became part of 38 Fd Sqn (7 FER) – John served many years before giving it away but kept up his involvement and close es with the Newborough boys – he was also Secretary of the Latrobe Valley Sappers Associati n.

John had not enjoyed the best of health for a while but he always had a cheery "hello" and handshake every time that I came across him.

John's sister Heather has been a great support to him and I am sure she would have been a great comfort to him over the last weeks of his life.

Goodbye Dusty – I am sorry to say goodbye to you but wish you well on your journey to the Sapper parade ground in the sky where I am

sure you will be cooking up a feast. No need to worry about ra on por ons or anything now.

Jim Davis—Secretary

LTCOL Terry (Helen) BLACKWELL RFD

I am saddened to advise members and readers that LTCOL Terry (Helen) Blackwell passed Thurs 23/4 a er a ba le with cancer.

Terry was posted to HQ 6 ENG Gp/ 22Const late 80's

serving under COL John Wertheimer.

Terry was the last CO of 3Pay (before the implementa on of current AFSU structure). And later CO of Defence Force Recruiti g (Vic).

RIP Terry

Jim Davis—Secretary

The Heidelberg "Repat" Hospital

During World War II, two military hospitals were located at the Heidelberg site - the 115th Australian General Hospital, operated by the Australian Army, between 13 March 1941 and 19 May 1947, and the 6th RAAF Hospital, operated by the Royal Australian Air Force, between 1942 and 1947.

The Australian Army handed over the military hospital to the Repatriatio Commission on 19 May 1947, and the hospital then became known as the *Repatriati n General Hospital Heidelberg*. The Repatriatio Commission (Department of Veterans' A airs) operated the hospital unti 31 December 1994. In the decade leading up to transfer of the hospital to the state hospital system the name was modified to its current

name - Heidelberg Repatriati n Hospital. The "Repat" contin es to provide treatment and support to ADF veterans. Within the complex, a new street name has been allocated:



FROM THE ASSOCIATIONS

There are no Associa on reports in this editi n of Sapper Summit. In there absence, readers may nd interest in the a ached reader's contribu on that covers the units from which some of our fraternal Associati ns originated.

THE END OF AN ERA 21 and 22 CONSTRUCTION REGIMENTS 1950 - 2013

Dr J. K. Haken

The names of the 21 and 22 Construc on Regiments, the original Supplementary, Reserve units were lost in 2013 a er more than 60 years by amalgamatio . While both regiments ini ally operated under the special Supplementary Reserve condi ons, most service was under normal CMF (now Army Reserve) condi ons.

Aft r WW 11 and demobilisati n , the Military Force was almost negligible.

In late 1945 the Cairns Group of the Instit tio of Engineers recognised the shortage of military persons and suggested involvement of employees of state bodies under special condi ons. The Council of the Instit tio considered a le er dated November 1945 from the Brisbane Division on behalf of the Cairns Group (1). The ini al appeal to the Army was rejected, but a modifi d appeal was accepted. The approach was championed by Major General C. S. Steele, a member of the Council and WW11 Chief Engineer. The Secretary of the Department of Army in an undated le er, received by the Instit ti n on 18 February 1949 approved a Supplementary Reserve

of 2 sponsored units, one each in N.S.W. and Victoria (2). The ini al history leading to the introduc on of the Supplementary Reserve was detailed in 1949 (3) and the units raised have been described (4).

The Victorian Regiment was the 22 Construc on Regiment, while the New South Wales was the 21 Construc on Regiment. Both were raised in 1950, long after Citi en Military Forces were introduced in 1948 (5).

Both Regiments published brief histories to mark their 50th Anniversary in 2000 (6)(7). The organisatio al



UNIT HISTORY WRITING PROJECTS

Victorian Engineers: 4 CER & 22 CONST REGT

Brigadier "Hutch" Hutchinson DSC, our Colonel
Commandant RAE Sothern Region, is impressed with
the enthusiasm displayed towards the Victorian
Sapper Regimental history project, thus far! The teams
are based on "CO's Years of Command" of both of our
Regiments and the wri ng teams are starting to group
together well! Stronger teams however, are always
desirable & much needed!

The secret of a good history is to get a broad diversity of views and a true assessment from both the Poli cal level to the Sapper on the ground, "blood & guts" level! We welcome diverse input to your history and we encourage the various "eras" to get together and produce your story!

To align both unit histories **Brig "Hutch"** decided to have both the 4CER and 22 Construc on Regiment histories follow on from the classic Victorian Sapper History up to 1995, "The Swan Street Sappers" wri en by *Lt Col Rob Youl OAM, RFD (Retd)*. This is a most sensible approach as it includes both Regiments from 1995 unti 2013 – including some amazing years for 22 Construc on Regiment at both Weipa and Cultana that would have otherwise been excluded if we had only commenced 22 Construc on Regt's history from 2000 as previously proposed!

We always need assistance. A suggested template or guide for the project is included at the RAE Victoria Website: h ps://www.raevictoria.asn.au/projects-and-events.php

Any submissions should be directed to: sapper.history.vic@hotmail.com.au

Captain Noel Tipton is looking aft r the 22 Construc on Regiment history whilst Lt Col Don Hughes is monitoring the 4 CER history. development of both regiments is outlined here.

The 21 Constructio Regiment in New South Wales was raised on 28 August 1950, consisting of 101 Construc on Squadron sponsored by the Department of Main Roads, 102 Construc on Squadron sponsored by the Department of Public Works, 103 Constructio Squadron sponsored by the Metropolitan Water, Sewerage and Drainage Board and the 108 Plant Squadron.

109 Construc on Squadron an independent unit administered by the regiment was raised in 1951, sponsored by the Snowy Mountain Hydro-Electric Authority.

The regiment in became part of 5 Engineer Group which was raised on 29 July 1952 and on 1 July 1960 it was re-designated 11 Chief Engineer (Works) (). 4-77 109 Construc on Squadron was re-designated 201 Works Sectio in 1972 and became a CMF unit when its sponsor completed the project.

The regiment came under control of 2 Divisional Engineers in 1987.

103Constructio Squadron and 108 Plant Squadron were disbanded in 1987 and reformed as 26 Divisional Engineer Support Squadron.

In 1995 members assumed the same conditio s as the CMF.

The regiment at disbandment consisted of Head-Quarters, 101 and 102 Construc on Squadrons. Li oral and Riverine Survey Squadron and CIMACC Squadron.

On 23 November 2013 the regiment was disbanded, 101 Construc on Squadron and Li oral and Riverine Survey Squadron were transferred to 5 Engineer Regiment, 102 Constructio Squadron was transferred to 8 Engineer Regiment and CIMAC Squadron was transferred to Head-Quarters Staff 2nd Brigade (6)(8).

The 22 Constructio Regiment was raised in Southern Command on 4 August 1950, consisting of 104 Construc on Squadron sponsored by The County Roads Board, the 105 Constructio Squadron sponsored by The State River And Water Supply Commission, 106 Construc on Squadron sponsored by Melbourne and Metropolitan Board of Works and 107 Plant Squadron (Heavy) sponsored by the County Roads Board and the State Rivers and Water Supply Commission. Between 1960 and 1969 the titl Light was substit ted. The regiment was administered by the Chief Engineer's Branch Southern Command but in 1953 with the formati n of 6 Engineer Group command was transferred.

In January 1963, two troops served in New Guinea with 21 Constructio Squadron.

In May 1975 104 Construc on Squadron was disbanded and the regiment consisted of Head—Quarters, 105 and 106 Construc on Squadrons and 107 Pant Squadron (Heavy).

On 1 July 1992, 107 Plant Squadron (Heavy) became 107 Plant troop of 91, later 55 Resources Squadron.

On 3 December 1995, 55 Resources Squadron and 39 Electrical and Mechanical Squadron, joined the regiment together with 105 and 106 Construc on Squadrons. Command transferred to Logisti Support Force in 1993 and to Land Command Engineers on 1 July 2002 (7)(8). At the same ti e the 39 Electrical and Mechanical Squadron was re-designated 39 Construc on Squadron.

In 1997, 106 Construc on Squadron was absorbed by 105 Squadron and in 1999 55 Resources Squadron was also absorbed by 105 Squadron.

In 2011, regiment consisted of Head-Quarters, Works Sec on, 39 Constructio Squadron and 105 Construc on Squadron (9)

Re-designated 22 Engineer Regiment, formed by amalgamatio with 4 Combat Engineer Regiment, e ec ve 1 January 2014 (10).

Consists of Head-Quarters, 8 and 10 Combat Engineer Squadrons and 105 Works Squadron, formerly 105 Construc on Squadron (11).

ACKNOWLEDGEMENT

Thanks to Mr B. A Campbell formerly Major (1965-1976) 105 Constructio Squadron for his help.

REFERENCES

Instit tio of Engineers 107th Council Meetin 26.3.1946

Instit tio of Engineers 118th Council Meetin 22.3.1949

Anon Journal of the Institutio of Engineers
March 1949 57-8

J.K. Haken Sabretache In Press Post War Army Document AWM

R. Grant and K. McKinley Bridging the Gap A History of the 21 Construc on Regiment, Royal Australian Engineers 1950-2000 Paragon Printers Melbourne

Anon (Commi ee) 22 Construc on Regiment Royal Australian Engineers Unit History A Brief Outline 1950-2000 RAE (Vic) Historical and Heritage Associatio Inc Oakleigh Barracks Victoria 2004

P. J. Greville The Royal Australian Engineers
Paving The Way 1945-1972 Vol 4 Corps
Commi ee Royal Australian Engineers

Anon 22 Constructio Regiment Australian Sapper 2011

Minister of Defence and Parliamentary Secretary
Visit 17 April 2013

Anon 22 Engineer Regiment Report Sapper Summit Nob 16 6 April 2014

WELFARE AND WELLBEING

RINGWOOD RSL President's Column

Support to Serving and Former ADF MembersThese are increasingly weird mes and we now live in a community where the clash of

World Views is becoming increasingly obvious but seemingly not to our elected representa ves or most areas of the media. Our World is becoming less stable and the rise of terrorism cannot be ignored. We need to gain a better understanding of the root causes of this instability and violence or we will never overcome them. It seems to me that instead of iden fying the causes and developing strategies to combat them, our leaders and the media look at the symptoms and think ac ons to combat these will provide the answer – wrong! Australia has a reputa on for being a tolerant and open society but this is no excuse for

allowing people with a di erent World View to dictate how we should shape it into the future.

The very reason so many people try to come here to se le is because of who we are and the freedoms we enjoy. These are hard won; our service personnel have fought to preserve them and we must not let them be eroded because of some momentary blindness, the encroachment of restrictive legisla on or imposed social norms advocated by minority but vocal elements. The ADF is not immune from these pressures and at mes it seems it is viewed as a vehicle for promo ng social and political agendas unrelated to its primary purpose. We mustn't lose sight of the fact that the ADF's core func on is to train for and fi ht wars if necessary to keep the country safe. This involves the development of a highly competent force armed with the best weapons and technology and manned by hardened committe personnel trained to the highest possible standard.



In our role advoca ng for the men and women of the ADF we support the need for expert training and prepara on notwithstanding the fact that there are inherent dangers, but at same me strongly press for the best support the country can give when a serving or former member su ers injury as part of that service. The e orts of the na onal leaders of the ex-service organisati ns have had an effe t on government policies and decisions that have led to some improvements over the last 12 months but there is much still to be achieved. DVA policies and processes are in need of an overhaul as evidenced by the many experiences being told by veterans of more recent conflic s where their dealings with the Department have led to adverse consequences rather than their being given the support they need.

The RSL seeks to ensure the general public understand and appreciate the special and unique nature of Service in the Australian Defence Force and the demands this places on ADF members and their families. In an increasingly multic Itural community with many later immigrants coming from socie es where the military is seen as an agent of state oppression, many na onal representa ves of the Serving and veteran communi es believe it is important to take posi ve

steps to ensure the special rela onship or as described by a former PM "special compact" is appreciated and understood throughout the community. There is a developing understanding of this among State and Local Council leaders and we are seeing this expressed as a State Veterans Charter in



South Australia, the Victorian Veterans Act and in the last few weeks a proposal for a Defence Community Accord from the Mayor of Townsville. This is a start however there is much work to be done to gain a greater understanding across the na on.

A developing issue which we will be closely following is the ADFs use of me oquine more commonly known as Lariam. Soldiers who served in East Timor 15 years ago are demanding a public inquiry, claiming that me oquine - more commonly known as Lariam - was trialled on them by the Army Malaria Inst ute (AMI). Up to 2,000 personnel are believed to have been prescribed the drug, including the en re deployment of soldiers who served as peacekeepers in East Timor. The ADF apparently assessed the risks associated with me oquine as low and that one in 10,000 will experience adverse side effe ts of me oquine, that it's more tolerable than the other an -malarial drugs and that it's the an -malarial of choice for other countries. Never the less hundreds of former ADF members say they are ba ling a range of

WELFARE and SUPPORT

Sapper Summit recognizes the demands placed on individuals through their military service. Through Sapper Summit, the RAE Associa on (Vic) aims to provide informa on to the Sapper Community on support and welfare services available both locally and na onally. The Associa on also aims to promote welfare, well being awareness and education. Members have suggested the following support services.

mental illnesses caused by this an -malaria medica on. I just hope we don't have another "agent orange" situa on on our hands and urge the department to take a pro activ approach suppor ng those who are so obviously in need of help.

The welfare of serving and former ADF members is a primary concern for us. The Sub Branch welfare and pension staff and volunteers are there to help. *If you need advice or assistance, please don't hesitate to call us on 98706604.*

ANZAC Services 2016 (cont p 45)

<u> Alcoholics Anonymous</u>

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ANZAC Sunday March & Service (17 April)

The Sub Branch will be conduc ng two services, the firs on ANZAC Sunday the 17th



April. It begins with a march from Target Square on the Maroondah Highway with step o at 1000hrs. This is immediately followed by a service at the Clock Tower Memorial Park. A er the service light refreshments will be served at the Sub Branch premises.

ANZAC Day Dawn Service (25 April)

The ANZAC Day Dawn Service will be held at the Ringwood Clock Tower Memorial Park on the 25th April. Assembly will be at 0530hrs with the commemora on service beginning at 0600hrs. This will be followed by breakfast served at the Sub Branch. During the day there will be various ac viti s including live music and Two Up.

Ringwood Sub Branch Club News

We are now expanding the range of activi es



we conduct for members. The once a month giant ra s have returned to the last Friday of each month and we have live music on some Sunday a ernoons and on most Friday nights. The Bistro has an extensive menu

selec on and its kid's play area remains very popular par cularly families with younger children so come along with your family and mates and enjoy the hospitality we provide.

David Jamison President Ringwood RSL

THE ANGEL SQUAD



The Angel Squad is con nuing its mission to support young Veterans recovering from PTSD -based drug and alcohol issues, and the effe - veness of our program is clearly evident in the improved health and wellbeing of our members. For many, joining the group has been a life-changing experience which has taken them from a feeling of hopelessness and despair to an acknowledgment that they do, indeed, have a life worth living. And for some, joining the group has ensured that they have a life at all.

We are about to award another "one year Star" to a member who has had one full year clean and sober with us, and this is always a special occasion for congratula ons and celebra ons for the Group, the member, and also the member's family.

Recent social activi s of the Group have included a Go-kar ng day and a pistol shoot at a private range followed by a barbeque. The boys were fortunate enough to be given some highly-expert supervision and assistance in revising their pistol skills whilst having the luxury of using some impressive top-quality equipment.

Anyone wishing to make contact regarding the Group, either for themselves or a loved-one, please contact us on the following email. photoexplorer57@yahoo.com.au

Colleen McKenna. Founder. "Angel Squad"

AUSTRALIAN MILITARY INVOLVEMENT IN THE VIETNAM WAR – TIMEFRAME

1945-62

French forces returned to Indo-China aft r the end of World War II to reassert colonial rule. The First Indo -China War began in late 1945. In 1950, Ho Chi Minh declared a Democra c Republic of Vietnam (North Vietnam). Australia, following the lead of the US and Great Britain, recognised the French-sponsored government of South Vietnam. As the French withdrew in the early 1950s, American support of South Vietnam increased. During the early 1960s, pressure from the USA for Australian support of South Vietnam increased.

1962

24 May: The Australian Government announces the dispatch of thirty military advisors to South Vietnam.

31 July: Colonel Francis 'Ted' Serong, commander of the Australian Army Training Team Vietnam (AATTV), arrives at Saigon.

3 August: The main body of the AATTV arrives at Saigon.

1963

9 May: The rst Royal Australian Air Force (RAAF) opera onal mission begins with a Dakota from the Transport Flight of No. 2 Squadron flying in food and medical supplies for refugees.

1 June: The rst Australian military death in the war occurs when Sergeant William Hacking of the AATTV is accidentally killed.

1964

8 June: The Australian Government announces expansion of the AATTV, with advisors able to serve in combatant units.

6 July: The rst Australian combat death occurs when Warrant O cer Kevin Conway of the AATTV is killed in action at Nam Dong.

8 August: The rst RAAF unit is deployed—RAAF Transport Flight Vietnam arrives at Tan Son Nhut with Caribou aircra . 10 November: The Na onal Service (Conscription) Act is passed to reintroduce na onal service.

1965

10 March: The first ballot for Na onal Service is drawn.

29 April: The Australian Government announces commitment of an infantry battalion.

3 June: Leading troops of the 1st Ba alion, The Royal Australian Regiment (1RAR), land in South Vietnam for deployment to Bien Hoa. This also marks the rst use of Qantas charter ights to move troops into (and out of) South Vietnam—they become known as 'skippy flights'.

8 June: The transport ship (converted aircra carrier) HMAS Sydney, with destroyer escort HMAS Parrama a and HMAS Duchess, arrives at Vung Tau on the rst naval logis cal support operati n.

30 June: The first Na onal Service intake begins recruit training.

17 August: The Australian Government approves an increase of the force in Bien Hoa to a ba alion group, with 1RAR to be supported by ar llery, addi onal armoured personnel carriers, engineers, army avia on and further logis cal support.

13 November: The rst Victoria Cross of the war is awarded to Warrant O er Kevin 'Dasher' Wheatley of the AATTV, killed in action.

1966

8 March: The Australian Government announces the deployment of a task force of nearly 4500 troops, including two infantry ba alions, Special Air Service (SAS) troops and support units, to be deployed in Phuoc Tuy.

May–June: 1st Australian Task Force (1ATF) is established at Nui Dat and 1st Australian Logis c Support Group (1ALSG) is established at Vung Tau, Phuoc Tuy.

24 May: The First Na onal Service death on acti e service and the rst death recorded in 1ATF occurs when Private Errol Noack of 5RAR dies of wounds.

30 June: Prime Minister Harold Holt, visiti g Washington DC, pledges that Australia would go 'all the way' in support of American policy in Vietnam

18 August: The Ba le of Long Tan is fought as 'D' Company, 6RAR, runs into a much larger enemy force



and eighteen Australians (including one of the relief force) are killed. The anniversary has become Vietnam Veterans' Day.

22 December: The Australian Government announces further increases in the military contribution to defence of South Vietnam.

Le - Pipers played a lament for the dead during the commemora ve service held in August 1969, on the site

of the Battle of Long Tan, fought by D Company, 6RAR in 1966.

1967

6 February 1967: The rst Royal Australian Navy (RAN) unit is deployed 'in country' when the Clearance Diving Team 3 arrives in Vietnam.

15 March: The rst Australian warship deployed for service on the gun line, HMAS Hobart, joins the US Seventh Fleet at Subic Bay, The Philippines.

5 May: The rst Australian servicewomen sent to Vietnam—four nurses of the Royal Australian Army Nursing Corps—arrive on posti g to the 8th Field Ambulance.

26 May: The rst 'Anzac ba alion' arrives, with V Company of the 1st Ba alion, Royal New Zealand Regiment, attached to 2RAR, forming 2RAR/NZ.

19 June: The rst RAAF death occurs when Leading Aircra man Gaetano La Grasta of Base Support Flight, Vung Tau, is murdered.

18 October: The Australian Government announces a further commitment of forces, including a third infantry battalion and an armoured squadron.

1968

29 January: North Vietnamese and Viet Cong forces launch the Tet O ensive, with major a acks across South Vietnam.

1 February: Australian troops clear Baria of enemy forces.

12 February: The Australian Government indicates no further increase in forces to Vietnam.

22 February: The rst RAN death occurs when Lieutenant-Commander Patrick John Vickers of RAN Helicopter Flight Vietnam dies on a combat ight.

13 May: The Ba le of Coral/Balmoral begins with a heavy enemy a ack against Fire Support Base Coral; aft r a second attack on 15 May, Australian casual es are fi een killed and fi y-six wounded.

26–28 May: Australians defend Fire Support Base Balmoral against a acks.

1969

6 June: The fourth and nal Victoria Cross of the war is awarded to Warrant O cer Keith Payne, AATTV. 6 June: Australian troops clear Binh Ba of a strong enemy force.

16 December: With US forces gradually being withdrawn, the Australian Government advises that Australian forces will also be withdrawn.

1970

22 April: The Australian Government announces that automa c replacement of ba alions at the

end of their tour will cease.

12 November: 8RAR returns to Australia at the end of its tour—it is the rst ba alion not replaced, with reductin of 1ATF underway.

1971

- 30 March: The Australian Government announces further cuts to Australian forces in South Vietnam, including the withdrawal of Canberra bombers.
- 18 August: The Australian Government announces the withdrawal of the bulk of Australian forces.
- 21 September: The last Australians are killed in acti n—Privates Brian Charles Beilken, James Duff, Keith Michael Kingston-Powles, Ralph James Nible and Roderick James SPRIGG, all of 4RAR.
- 27 October: The last Australian serviceman to die within Vietnam, Staff Sergeant John Hall of the 12th Field Regiment, is murdered. Some personnel wounded in Vietnam were to die in Australia a er this date.
- 3 November: The only Australian servicewoman to lose her life during the war, Temporary Captain Barbara Frances Black of the 1st Field Hospital, dies in Fitzroy, Victoria.
- 7 November: The last Australian infantry battalion in Vietnam, 4RAR, departs Nui Dat for home.

1972

June 1967. [AWM GIL/67/0482/VN]

- 5 March: The last units of 1ALSG depart Vung Tau. Australia's commitment to South Vietnam is now limited to about 150 troops of the AATTV and Australian Army Assistance Group Vietnam (AAAGV).
- 15 July: The nal death of an Australian named on the na on's Roll of Honour for the Vietnam War occurs when Private Arthur John Gibson of 7RAR dies at Liverpool Hospital, NSW.
- 5 December: Conscrip on ends.
- 18 December: The withdrawal of the AATTV and AAAGV marks the end of Australia's military commitment to South Vietnam. Some troops remain to guard the Australian Embassy.

1973

27 January: a cease re between North and South Vietnam comes into e ect a er US President Nixon announces that an agreement has been reached for 'peace with honour'.

March: The last US forces depart Vietnam.

30 June: The last Australian troop based in South Vietnam, the Saigon Embassy Guard Platoon, is withdrawn.

1974

4 January: Afte viola ons of the cease re by both sides, South Vietnam declares that the war has restarted. Without American support, South Vietnamese forces struggle to contain an enemy off nsive.

1975

March: North Vietnamese forces advance on Saigon and Khmer Rouge forces seize control of neighbouring Cambodia.

- 29 March: RAAF Hercules and Dakota aircra are dispatched to assist humanitarian e orts in South Vietnam and Cambodia. They deliver Red Cross and United Na ons supplies and evacuate embassy o cials and their families and also some refugees, including war orphans evacuated from Saigon to Bangkok in Opera on Baby Lift.
- 25 April: Australian military involvement in the war ends with the last RAAF flights out of Saigon.
- 30 April: North Vietnamese forces capture Saigon, eff ctiv ly ending the Vietnam War.

Reprinted from www.vietnamroll.gov.au



About the RAE Association (Victoria) Inc

Vision Statement

The Royal Australian Engineers Associati n (Victoria) Incorporated will be the most relevant and recognized Sapper Associa on in Victoria with substan al membership and an enhance profil and standing within the serving and re red sapper community.

Mission Statement

To promote the wellbeing and better ent of our members along with serving and re red sappers by the provision of a collegiate sapper associa on that values and promotes comradeship, esprit de corps, service iden ty and traditi ns.

Objec ves

- Increase the Associati n's membership.
- Develop the capacity of the Associa on to communicate with the serving and re red sapper community through the enhancement of the Associa on's journal "Sapper Summit" and through an internet presence.
- Establish and enhance the relevance of the Associa on to all sappers serving and re red.
- Undertake the research and recording of sapper history in Victoria.
- Provide sappers with an organized iden ty for par cipa on in ANZAC Day and other commemora ve events.
- Promote the achievements of 22 Engineer Regiment and those of its members.
- Disseminate informa on relaing to sapper events and activities.
- Recognize and acknowledge excellence and achievement within the sapper community.
- Provide and promote awareness of welfare issues and resources relevant to service personnel.
- Promote mateship.
- Promote esprit de corps between all members of the sapper family.
- Maintain and promote the tradi ons and achievements of the Australian Defence Force in general and the Royal Australian Engineers in par cular.
- Seek con nual improvement in administra ve practices to ensure members receive op mal value for the membership fees and dona ons.
- Liaise with and develop co-opera ve working arrangements with like organiza ons and associations.
- Formally develop succession planning for key appointments within the Associa on.
- Raise funds to support these objectives and other Associa on priori es that may arise from me to me

For full details and news about the Associati n's projects and events, click on:

www.raevictoria.asn.au

Sapper Summit welcomes contributio s from readers and friends. Your contributio s can be sent to : Editor Sapper Summit

PO Box 610 HEATHMONT VIC 3135

or email: sappersummit@gmai.lcom

Join Us—Royal Australian Engineers Associa on (Vic) Inc Membership Categories



- 1. Ordinary Members and Associate Members (members who support the Associa on but do not meet service membership criteria) who pay their subscrip ons by 1st of January receive a receipt.
- 2. Concessional Life Membership. A member, who upon reaching the age of 65years (prior to 1st of January of the membership year) may elect to make a one o payment equal to ten mes the annual subscrip on for an Ordinary Member. Such members will be granted Concessional Life Membership with no further fees being payable. They will receive a le er from the Committee to confi m the gran ng of this category of membership.
- 3. Complementary Life Membership. A member who has made a significant contribution to the Association either by way of a substantial nancial or memorabilia donation, maybe awarded a Complementary Life Membership together with a letter from the committee confiring the granting of this membership.
- 4. Honorary Life Membership. Members over the age of 80 will be awarded Honorary Life Membership in recogni on of their age status and contribu on to both the community and the Corps. They will receive a letter from the commi ee confir ing the gran ng of this membership.
- 5. Honorary Life Membership. Members who have made and outstanding contribuon to the Association will be awarded Honorary Life Membership together with a framed cerofica e confiring the graning of this membership.

In categories 3 and 5, nomina ons are to be submi ed to the committee with suppor ng justi ca on and documenta on. Nomina ons will be considered n a case by case basis.

Membership of the RAE Associati n Victoria costs \$15 per year with subscrip ons due on 1 January each year. All members will receive an electronic copy of each issue Sapper Summit, the magazine of the Associati n. Hard copies will be available to members without email. All members will receive a coloured, hard copy of the post ANZAC Day edi on of Sapper Summit along with an e copy of that edi on.

Applicants over the age of 65 may elect to pay ten mes the annual fee to receive life me membership. Fees are not required from applicants over the age of 80.



APPLICATION FOR MEMBERSHIP RAE ASSOCIATION (VIC) INC

ORDINARY MEMBERSHIP



Jim Davis
Honorary Secretary
28 Ireland Avenue
WANTIRNA SOUTH, Vic 3152 E-mail: jdavis01@bigpond.net.au

SURNAME:		-			
GIVEN NAMES:			_		
DATE OF BIRTH: / / NAI	ME OF PARTN	ER/WIFE/N	OK:		
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Wish to become a member of The Royal Australian	n Engineers Associ	ation of Victor	ia Incorpora	ited (RAE Associat	tion (Vic) Inc. for the tin
being in force. In the event of my admission as a n				and the second second	

- 1. Support the purposes of the Association.
- 2. Comply with the rules of the Association.

Note: Under the Application for Membership clause in the Association Rules, a person who wishes to join the Association must submit a signed written application to a committee member, and agree to the two items 1 & 2 listed above.

ANNUAL SUBSCRIPTION FEE FOR 2015 HAS BEEN SET AT \$15.00 AND IS PAYABLE NOW WITH YOUR APPLICATION. PAYMENT CAN BE MADE BY CHEQUE OR DIRECT CREDIT (see below). SHOULD YOU WISH TO MAKE A DONATION, REGARDLESS OF THE AMOUNT, IT WILL BE GREATLY APPRECIATED.

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