

FORWARD

Newsletter #32 - December 2020



The official newsletter of the 2nd/14th Light Horse Regiment (Queensland Mounted Infantry) Association

Well, 2020, what a year of challenges and world events that has gripped us. Bushfires in January, COVID in March, the demise of GM Holden, a recession in September and the disruption of sport world-wide. The good news is Queensland's 2020 SOO win! As I write this I have just watched and read the CDF press release in regard to the alleged war crimes during the War in Afghanistan. I for one will be happy to see the end of 2020.

As we come into the festive season we should look forward to spending time with loved ones, families and old military acquaintances and remember the good times and plan for more good times in the future. I think we will have some challenges ahead as we move into 2021. I believe that COVID restrictions will still hamper some of our planned activities in 2021, Anzac Day being one of these. More information will be sent out as it becomes available.

As most of you are aware we held our AGM on the 17th October and I can report that all the Executive Committee was returned to office. The Treasurer (Dean Chapple) presented the audit report for 2019 and that our association is in a very strong financial position and we have funds to meet all our financial commitments.

I would personally like to thank all the committee members for the tireless work through 2019 and a difficult 2020. With them the Association would not be as strong as it is. A special mention to Graeme Nicholas who has stepped down as a member on the committee due to work commitments, thanks for the mentoring and advice.

The 9th of December is our last committee meeting of the year and it is our association Christmas drinks. I hope to see you and your partners all there on the 9th for a few drinks and a yarn. Sandy our Secretary has sent out an email confirming the details.

The 2021 calendar has firmed up and is included in this newsletter and will be available on our web page. I believe there will still be restrictions in 2021 and most likely changes due to the current pandemic until a vaccine is produced; So as with everything we do stay flexible and adapt to any changes that occur.

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I personally wish all our members and the greater Black Hat community the very best for Christmas and hope you all have a good New Year.

FORWARD

Shayne Burley
President



2/14 LH (QMI) ASSOCIATION CHRISTMAS DRINKS

This year's Association Christmas Drinks will take place after the Management Meeting on the 09 December 2020 at the Fox Hotel South Brisbane.

WHEN – Wednesday 09 December 2020 commencing at 1530hrs.

WHERE – FOX HOTEL - 71-73 Melbourne Street - South Brisbane. (Cnr Melbourne St and Hope St). The Hotel is a short walk (4 minutes) from both the Cultural Centre Bus Station and the South Brisbane Rail Station.

FOOD – Bar Snacks will be provided.

The President and Management Committee encourage members and partners to attend for a catch-up in a relaxed atmosphere. It's what the Association is about.



Like so many things this year, COVID managed to jam its gammy fingers into the arse of our Annual Black Hats reunion at The 41 Club and twisted hard! When the virus first hit our magnificent isle, we had no idea if the day would even happen at all. But as the weeks and months went on, our valiant President Shayne (Shark Bait) Burley had managed to negotiate the use of the 41 Club, with the blessing of the CO as per normal with the promise that we maintained our social distancing (not a problem, the CTA was just behind us!).

Now, you would think that COVID restrictions lifting prior to the event would not impact us at all, wouldn't you?? Realistically, it should have resulted in many, many more of us being able to roam free and graze on the liquid delights from the (in)famous bar we know all too well. But alas, it was quite the opposite because strangely, left field then came up and bit us on our already violated arsens. The reason: with the restrictions lifting, it meant our hosts had regrouped and most of their posted strength were back from COVID duties so were now scrambling to get as much real training in as possible before the end of the year. And what did that mean for our luckless band of older brothers? Well, in short - the 41 club was still available but the bar could not be manned by the unit (we were specifically forbade from manning it ourselves)! However, we were advised they we were free to bring our own eskies and food with us if we chose to go forward. We all have fond memories of when the squadron/regiment formed a leaguer out bush or on operations and the Fox flooded the area with shippers full of piss and food on the company dollar but this would definitely not have been that; so we had to think of other options.

Deciding that COVID was not going to wreck our year totally we figured bugger it! If Costner's field of dreams had taught us anything it was 'book it and they will come'. So we touched base with the Gaythorne RSL who were happy to accommodate us and after spreading the word short notice, come they did!! Notable mentions were Anne and Russell Sullivan from Bundaberg, Greg (The Sheriff) Williams from Stanthorpe and Paul (Dinga) Bell from the Gold Coast.

Thanks to Chuck Berry, we also had a healthy smattering of ex Stingers amongst the ranks this year as well - great to see.

The previous five years have seen the annual 41 Club function flourish with the numbers of ex members (Cav or support), brethren black hats and our family members travelling from all over the country to attend. Unfortunately, this year was different for all of us, through no fault of our own. Hopefully, 2021 will be more forgiving and we can return to some sort of normality. But in the meantime, thank you to all who were able and made the time and effort to keep the tradition alive, until next year, stay safe brothers.

Article contributed by: Shane Lucas

AGM NEWS



The Association's Annual General Meeting was held at the Sherwood-Indooroopilly RSL Sub-branch, Corinda on the 17th October 2020. A little later this year because of the Covid-19 restrictions imposed earlier in the year.

The Chairman opened the meeting by thanking the President of the sub-branch, Bill Cross OAM, for providing the venue and bar facilities for our meeting. All Management Committee positions were declared vacant. As no nominations for the committee were received, the current committee were re-elected.

The Management Committee for 2020/2021 is:

President:	Shayne Burley OAM
Secretary:	Sandy Johns
Treasurer:	Dean Chappel
Assistant Secretary:	Shane Lucas
Assistant Treasurer:	Robert Vonk
Membership/Newsletter Co-Ordinator/ Merchandise	
Member/Website:	Graeme Brown

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AGM PRESIDENT'S REPORT

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Usual business was conducted and at the conclusion of the meeting, those attending enjoyed a catch-up and refreshments.

PRESIDENT'S REPORT

Thank you all for attending the AGM today.

We are now seven years old as an organisation and this past year has seen unprecedented actions and restrictions due to COVID 19 that we have not seen in our lifetime. During these difficult times the Association has a dedicated management team who are serving the Association very well. The Association is financially secure and is focussed firmly on achieving its Constitutional Objects in this difficult year.

Some matters of interest that I report on are:

The Management Committee continues to meet every second month at Legacy House in South Brisbane. Although we have had to modify a couple of the meetings to fit with the restrictions at the time. We have used electronic means (Zoom) and other locations (Pig and Whistle). We thank Legacy for the use of their facilities and once again we will make a small donation to show our appreciation.

We have had limited communication with the Regiment, and this was mainly due to COVID 19 restrictions and the unit's response to the pandemic.

While the Regiment did support the annual 41 Club Annual BBQ in October 2020 it was decided that with the current restriction there were too many friction points and the possibility of bad press, the unit being away on Ex the best course of action was to postpone the activity until 2021. However, we have booked the Gaythorne RSL for an informal catch up starting at 1300 for those that can make it.

This year the Association has not provided awards to the Regiment due to the Regiment cancelling the majority of competitions and awards due to COVID restrictions throughout the year.

The Calendar of Events for 2020 as you can imagine was severely impacted due to COVID and about the only things that continued as per the calendar are the Committee meetings.

We met our regulatory requirements for 2020 by submitting the Office of Fair Trading's Association's Incorporation Return.

We continue to be a supportive member of the RAAC Corporation and its contribution to the Alliance of Defence Service Organisations (ADSO). I represented the Association at the Corporation's AGM via a Zoom meeting last weekend. The RAAC Corporation continues to develop and represents the Armoured Associations on matters that require coordination.

Throughout the year, we distributed a Newsletter each quarter and I would like to thank Graeme Brown, Graeme Nicholas and Bill Cross for their continuing editing skills and efforts. Thanks Bill - your efforts are much appreciated, and members enjoy the read.

I would like to make special mention to Graeme Nicholas who due to work commitments stepped aside as a valued committee member and editor of our newsletter. Personally, I would like to thank you for the hard work you have done over the years and the advice and assistance you have given me, it is much appreciated.

The web page is a professional looking site that contains notices on upcoming events, breaking news as well as plenty of other information. Equally we have a Facebook page.

Let me again welcome Colonel {Retd} Steve Salmon as our Patron and I thank him for attending today. Welcome Steve.

In finishing this brief report, I especially wish to convey my appreciation to each member of the Management Committee in 2020 for your efforts, loyalty and support.

I thank you all as members who have helped us make the Association what it is today. Members, my best wishes to you all for the remainder of 2020 and let all hope that 2021 bring about some easing on our restrictions.

Shayne Burley

President

COMMANDING OFFICER'S UPDATE

I'd like to open by expressing my regrets to the Association on the postponement of the annual Black Hat Reunion at the 41 Club. While understandable, it was a great shame not to be able to welcome our friends and veterans back to the Regiment. I'd like to express my great hope that we won't find ourselves in the same situation next year.

Since my last update I'm pleased to report that (from my perspective), the situation has improved. The 2nd/14th are nothing but resilient, and as we have come to understand COVID better we have learned to live within it. Indeed we have directly fought it. In July 90 members of the Regiment were mobilised to deploy to Melbourne (led by MAJ Brandon Coghill and WO2 Dave Johnston) as part of the ADF's support to the Victorian Government, and they did a superb job. Holding hard to their reconnaissance roots, for nearly 8 weeks they moved to hotspots to scope the ground and send recce reports back to the JTG commander, and then working to enforce quarantine. They lived in highly isolated conditions, under real danger of infection, and did a brilliant job. Their success can be described no better than by one of the Task Unit commanders, who said they had 'strategic effect'.

Our increased ability to work within COVID also allowed core foundation warfighting training to recommence. This was critical. While it was vital (and entirely right) that the ADF responded to the bushfire and COVID crises - it put the growth and maintenance of our core warfighting skills at real risk. So, it is of great credit to the fortitude and determination of the soldiers that by the end of the year they achieved as much foundation warfighting as they did. Working within carefully COVID guidelines, C Sqn (led by MAJ Renata Hickson and WO2 Matt Watt) continued to deepen the embedding of the M1A1 heavy tank capability into both the Regiment and the Brigade. They deployed twice to Shoalwater Bay, once to conduct an independent live fire exercise, and once in October to form the enemy for other Battlegroups within the Brigade. Their performance as a manoeuvre force was admired across the board, setting the standard for the remainder of the Brigade. C Sqn were soon joined by B Sqn, literally fresh from their COVID experience in Victoria, who also put in an excellent enemy performance in an ASLAV-based combined arms Combat Team. With a different equipment set and a reconnaissance mindset, B Sqn set out to maximise their use of Unmanned Aerial Systems: dominating the information domain to always stay one step ahead of the enemy. Add in a demanding BGHQ Battle Staff Trainer at the end, and October went much of the way to re-embedding a warfighting mindset.

The final line of effort that saw solid progress in the face of COVID was the introduction of the new Boxer Combat Reconnaissance Vehicle (CRV). I know there is keen interest on this within the Assoc, so I'll give a little detail and share some photos. Boxer is being brought in as part of the LAND 400 project, which will see the purchase of a new reconnaissance vehicle (the Boxer CRV), and a new Infantry Fighting Vehicle (IFV), which is yet to be selected. 2nd/14th were chosen



to receive the first 'block' of 25 Boxer CRV due to our co-location in Brisbane with the Rheinmetall Defence Australia Military Vehicle Centre of Excellence (MILVEHCOE), now the most sophisticated armoured vehicle production line in the Asia Pacific. This first 'block' consists of both turreted 'gun cars', complete with a 30mm cannon, and a multi-purpose variant (MPV) with a Remote Weapon Station (RWS). The Boxer CRV is genuinely a world-class vehicle, with the highest levels of lethality and protection.

In line with our orders from Canberra we have until December 2021 to have the first 'block' of Boxers certified to be deployable. This is a considerable challenge, but one which the soldiers are relishing. With the focus on A Sqn (led by MAJ Ed Keating and WO2 Joe Passmore) as the core of the first 'Boxer Combat Team', the first 6 months of the year saw over 1350 pre-conversion qualifications achieved for the 30 crews within the Regiment, ranging from ASLAV Gunners' Courses through to Remote Weapon Station. Conversion courses were due to start mid-year, but COVID delays became inevitable. The outbreak in Victoria forced a last-minute change of course location from Puckapunyal to Enoggera Barracks, testing the patience and flexibility of stakeholders to the full. But by July the first three week driver conversion courses began, and at time of writing we now have 20 crews trained on the turretless Multi-Purpose Variant (MPV). We should see the turrets in the early months of next year, and a whole raft of testing and experimentation is going: everything from equipment FITEXs through to amphibious trials.

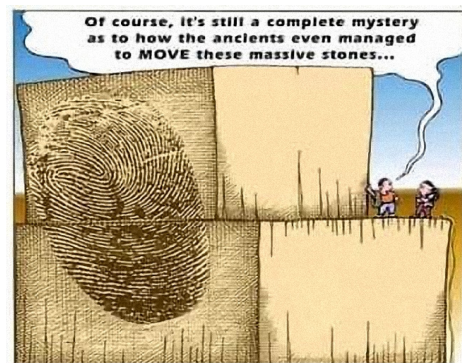
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Our first impression is that Boxer is a game-changer for Australian armoured cavalry. The most protected vehicle in the Australian fleet, it allows us to survive and fight on a modern, highly-lethal battlefield. Many have said it is too big, but the reality is that ASLAV is now too small and vulnerable for high-end operations. The Boxer is exceptionally powerful, and (so far) concerns about mobility have been unfounded: including in amphibious trials. So far we have found three things to be important. The first is that Boxer cannot be looked at as simply as a replacement for ASLAV. It is instead the reconnaissance trailblazer for a new combined arms and ISR enterprise being built by Army, and therefore many concepts (from sensors to troop movement) need to be looked at with fresh eyes. Second, is that the assumption of a standard three person crew should not be assumed. The need to layer sensors to protect the platform, and the need to conduct new crew tasks, is driving a reconsideration of what a standing crew looks like. Third is that the high-technology of the platform drives a reconsideration of what repair, recovery and sustainment look like. This

is a Tesla not a Toyota, and the changes to the 'tail' of the ACR are likely to be profound. All in all the arrival of Boxer is deeply exciting for the Regiment and the Corps, and we look forward to meeting the turreted CRV in mid-2021. So, to close, we are now coming to the end of what has been a challenging and frustrating year. Who would have thought that, in March, we would be sending the soldiers home for almost two months to isolate. Despite the challenges and frustrations, however, I could not be more proud of what the Regiment has achieved. They kept their skills up from home, fought COVID from Victoria, continued to train for high-end armoured warfare, and managed to bring into unit the most sophisticated fighting platform that Army has brought in forty years. Above all, at a very hard time, they looked after each other. COVID does not know that it's Christmas or that the year is coming to an end. It hasn't gone away. But my sense is that we have it more under control, and can step into 2021 on firmer ground as to what the year looks like. We hope to see far more of the Association than we have this year.

Eight words with two meanings, depending upon your gender!

- 1. THINGY** (thing-ee) n.
Female Any part under a car's hood.
Male The strap fastener on a woman's bra.
- 2. VULNERABLE** (vul-ne-ra-bel) adj.
Female Fully opening up oneself emotionally to another.
Male Playing cricket without a protector.
- 3. COMMUNICATION** (ko-myoo-ni-kay-shon) n.
Female The open sharing of thoughts and feelings with one's partner.
Male Leaving a note before taking off on a fishing trip with the boys.
- 4. COMMITMENT** (KO-MIT-MENT) n.
Female A desire to get married and raise a family.
Male Trying not to hit on other women while out with one.
- 5. ENTERTAINMENT** (en-ter-tayn-ment) n.
Female A good movie, concert, play or book.
Male Anything that can be done while drinking a beer.
- 6. FLATULENCE** (flach-u-lens) n.
Female An embarrassing byproduct of indigestion.
Male A source of entertainment, self-expression, male bonding.
- 7. MAKING LOVE** (may-king luv) n.
Female The greatest expression of intimacy a couple can achieve.
Male Call it whatever you want, just as long as we do it.
- 8. REMOTE CONTROL** (ri-moht-kon-troh) n.
Female A device for changing from one TV channel to another.
Male A device for scanning through all 375 channels every 5 minutes.



NEW REGIMENTAL LEADERS



LTCOL Tom McDermott, CSC DSO

LTCOL McDermott was born and raised in the UK. Following study in classics at the University of Warwick, he attended the Royal Military Academy Sandhurst in 2001. He was commissioned into the Royal Tank Regiment and spent 14 years serving in a range of command, regimental and staff appointments in Germany, Canada, Australia, Belgium and the United Kingdom.

LTCOL McDermott's experience with the British Army was broad. Operationally he took part in the invasion of Iraq in 2003, he served in Afghanistan 3 times, he was the OC of the Brigade Reconnaissance Force for the 7th Armoured Brigade (the Desert Rats) - for this he was awarded the United Kingdom's highest award for command and leadership in combat, the Distinguished Service Order.

He attended the Australian Command and Staff College in 2011 and was awarded the Governor General's Prize as the overall best student. Making the transition to the Australian Army in 2015, he served in HQ FORCOMD as both SO2 Lessons and then SO1 PME, where he was responsible for the development of the Cove professional development project and the writing of a PME Strategy for Army. For this work he was awarded the CSC. In 2017 he became the Chief of Staff Operations for the Australian Amphibious Task Group, a period that included a Task Group deployment to Papua New Guinea for Op APEC 18 ASSIST. In 2020 he took command as the Commanding Officer of the 2nd/14th Light Horse Regiment (Queensland Mounted Infantry).

LTCOL McDermott is married to Sarah, a lawyer, and they have two children: Eleanor (nine) and Rufus (seven). He has strong academic interests, holding an MA in Strategy and Policy from UNSW, and a series of Graduate Diplomas in defence studies, conflict and development, strategic planning, and higher education. He is a Fellow of the King's College London Centre for Military Ethics, and is an Adjunct Lecturer at UNSW. In 2016 he was accepted as a part-time PhD candidate with the Australian National University, where he is studying International, Political and Strategic Studies.



WO1 Jamie Adams

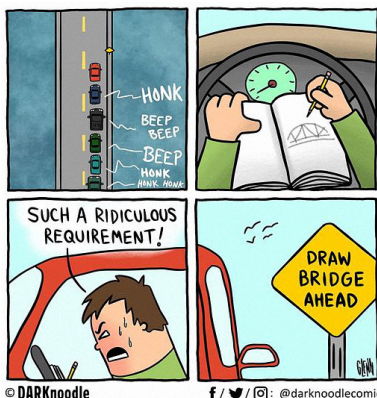
Born on 25 June 1974 in Darwin, Northern Territory. He enlisted into the Army on the 4th February 1992 as a M113A1 driver/signalman within the Royal Australian Armoured Corps.

On completion of initial employment training, WO1 Adams was posted to the 2nd/14th LHR (QMI). In 1995, he was posted to the 2nd Cavalry Regiment and employed as a M113A1 crew commander and reconnaissance scout before completing a conversion to ASLAV on its introduction into service. During this time he attended the ASLAV gunnery instructor, ASLAV driving and servicing instructor, and communications instructor courses. Warrant Officer Adams served in the 2nd Cavalry Regiment in a variety of roles, both mounted and dismounted.

He has had a posting to the School of Armour where he was employed as a driving and servicing, gunnery and tactics instructor. In 2007, he was posted to the Land Warfare Centre, South Queensland as an instructor and then returned to the 2nd Cavalry Regiment where he was employed as the Regimental Signals Officer, as the Technical Warrant Officer and then subsequently as the Squadron Sergeant Major C Squadron, and finally as the Operations Warrant Officer.

WO1 Adams has served on exchange with the 1st Light Armoured Reconnaissance Battalion, United States Marine Corps and on his return to Australia, Warrant Officer Adams was Wing Sergeant Major Tactics Wing, School of Armour. During his service, WO1 Adams has deployed on operations to Iraq and Afghanistan. In addition, WO1 Adams was awarded an Australia Day Medallion for his performance as the Cavalry Troop Sergeant of Security Detachment 8, and a United States Meritorious Service Medal for his performance whilst serving with the United States Marine Corps.

WO1 Adams is married to Karen and has two children, Emily and Reilly. He enjoys restoring period correct hotrods and classic cars, motoring and military history and touring with his family.



THE BATTLE OF CAMBRAI ~ NOVEMBER 1917



An immobilised British Mark IV tank stands at the lip of a captured German trench at Flesquieres, in the bottom of which lie four dead German soldiers.



Messenger pigeon being released from British tank 1918 - WW1



Cambrai - Artillery being towed by British tank

The attack would be a combination of old and new – cavalry, air power, artillery and tanks supported by infantry. Cambrai was an important town as it contained a strategic railhead. In front of it lay the very strong Hindenberg Line – a defensive position in which the Germans had put a great deal of trust.

The World War I Battle of Cambrai marked the first large-scale use of tanks for a military offensive. Led by General Julian Byng, a British force of nine infantry divisions, five cavalry divisions and three tanks brigades sprung a surprise attack near Cambrai, France, on November 20, 1917. Although the British tanks and infantry overwhelmed German defenses on the first day, the cavalry exploitation was slow to develop. On Nov. 30, the Germans counterattacked and regained most of the ground lost. Officially finished by Dec. 7, the battle decisively demonstrated the power of tanks and altered the course of future warfare.

Cambrai was famous for two things:

- it saw the first great tank attack in history, and
- of equal importance, the first pre-registration of artillery for an offensive.

The idea for the large-scale use of British tanks started in early August 1917, when J. F. C. Fuller (second general staff officer, Tank Corps) (q.v.) and H. J. Elles (general staff officer, Tank Corps) put in a tank raid scheme for the Cambrai sector to General Headquarters. Eventually, headquarters agreed, and nine infantry divisions, five cavalry divisions, and three brigades of tanks were made available for the offensive under Julian Byng, general officer commanding, Third Army.

The key to the success of the Cambrai attack of 20th November 1917, was threefold:

1. Some 376 Mark IV fighting tanks were committed to the assault, to crush lanes through the wire and to protect the infantry as they advanced.

2. The artillery was able to do counter battery and suppression work, and fire a barrage, without previous registration. This worked because the guns' targets had been plotted on maps beforehand, while each gun had previously been fired behind the lines to establish its accuracy.
3. Because of the first two factors, the Cambrai offensive would be a complete surprise.

At 6:20 a.m. on November 20, tanks and infantry advanced with great success against an astonished German defense. By nightfall, gains of two to three miles had been achieved. However, cavalry exploitation was slow to develop, and although more gains were made in the next nine days, German reserves halted the attack. Then, on November 30, a German blitzkrieg counterattack recaptured much of the ground lost. The surprise storm troop tactics used here anticipated the methods of the German 1918 spring offensives (see Ludendorff, Erich and Ludendorff Offensive).

However, the original tank and artillery combined attack at Cambrai had forever altered the modern battlefield.

Source: The Reader's Companion to Military History. Edited by Robert Cowley and Geoffrey Parker. Copyright © 1996 by Houghton Mifflin Harcourt Publishing Company. All rights reserved.

C Sqn (Wolf Pack) 2/14 LH (QMI) celebrate Cambrai Day with a squadron parade



Calendar Of Events 2021

Date/Time	Event	Location	Organised By / Remarks
9 Dec / 1500hrs (Wed)	Management Committee Meeting	Fox Hotel, South Brisbane	President / Secretary
9 Dec / 1530hrs (Wed) 2021	2/14 LHR ASSN XMAS DRINKS	Fox Hotel, South Brisbane	All members invited
10 Feb / 1500hrs (Wed)	Management Committee Meeting	Legacy House	President / Secretary
8 Mar	Regimental Birthday (27 Feb)	TBC	Unit RSM.
12 Mar / 1500hrs (Wed)	Management Committee Meeting	Legacy House	President / Secretary
25 April	ANZAC DAY • Dawn Service • March • Post march beers	2/14 LHR Lines, Enoggera RNA Showground TBA	TBC by Unit RSM Committee to organise
12 May / 1500hrs (Wed)	Management Committee Meeting	Legacy House	President / Secretary
May (Date TBA)	Billy Singh Memorial Service	Lutwyche Cemetery	31st Bn Assoc /Phil Lilliebridge
15 May / 1500hrs (Sat)	AGM	Kedron Wavel Services Club	President / Secretary
12-13 Jun (Sat/Sun)	Assn Tall Tales Camp	Bayden Powel Park	Committee
28 Jul / 1500hrs (Wed)	Management Committee Meeting	Legacy House	President / Secretary
13 Oct / 1500hrs (Wed)	Management Committee Meeting	Legacy House	President / Secretary
31 Oct (Sun)	Beersheba Celebration	TBA	
13 Nov (Sat)	Black Hat BBQ and Drinks	41 Club	Committee
8 Dec / 1500hrs (Wed)	Management Committee Meeting	Fox Hotel, South Brisbane	President / Secretary
8 Dec / 1530hrs (Wed)	2/14 LHR ASSN XMAS DRINKS	Fox Hotel, South Brisbane	All members invited

* Ad hoc social gatherings TBA by email and social media; The current plan is to hold a coffee/beer/chat catch up once a month at a venue, such as the Eatons Hill Hotel on a Friday afternoon from 5.00pm.

CALTROPS

CALTROPS WERE ORIGINALLY INVENTED FOR BREAKING UP CAVALRY CHARGES



Roman Caltrop



A caltrop is a device composed of four spikes or points arranged so that in whatever manner it is thrown on the ground; it rests on three and presents the fourth upright. The four spikes are pointed 120 degrees apart. They are sharpened and joined together in such a way that no matter how they fall, there will always be a spike pointing straight up. If a horse were to step on the point, it would be crippled.

Caltrops could be carried into battle with the baggage and deployed simply by throwing them. In a case where a group of merchants needed to create a quick defensive position, the caltrops could be strewn in front of them to provide protection from horsemen. In the case of an army, they could be used to protect the flanks from cavalry charges.

The modern name "caltrop" is derived from the Latin *calcitrap* (foot-trap), such as in the French usage *chasse-trape*. The synonymous Latin word *tribulus* provides part of the modern Latin name of a plant commonly called the caltrop, *Tribulus terrestris*, whose spiked seed case can injure feet and puncture tires. This plant can also be compared to *Centaurea calcitrapa*, which is also sometimes referred to as the "caltrop". A water plant with similarly-shaped spiked seeds is called the "water caltrop", *Trapa natans*.

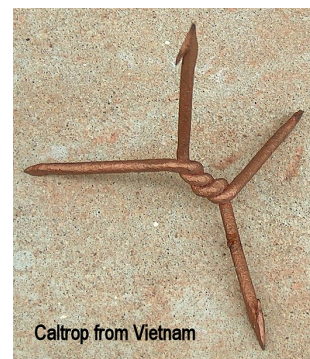
Caltrops were known to the Romans as *tribulu* or sometimes as *murex ferreus*, the latter meaning "jagged iron" (literally "iron jagged thing"). In Ancient Greek the word "tribalos" meant three spikes. Caltrops were first used as early as 331 BC at the Battle of Gaugamela. They were also used in the Battle of Carrhae in 53 BC.

The late Roman writer Vegetius, referring in his work *De Re Militari* to scythed chariots, wrote: the armed chariots used in war by Antiochus and Mithridates at first terrified the Romans, but they afterwards made a jest of them. As a chariot of this sort does not always meet with plain and level ground, the least obstruction

stops it. And if one of the horses be either killed or wounded, it falls into the enemy's hands. The Roman soldiers rendered them useless chiefly by the following contrivance: at the instant the engagement began, they strewed the field of battle with caltrops, and the horses that drew the chariots, running full speed on them, were infallibly destroyed.

Another example of the use of caltrops was found in Jamestown, Virginia, in the United States. Undoubtedly the most unusual weapon or military device surviving from seventeenth-century Virginia is known as a caltrop, a single example of which has been found at Jamestown. It amounts to a widely spread iron tripod about three inches long with another leg sticking vertically upward, so that however you throw it down, one spike always sticks up. There is no doubt that the most inscrutable Indian treading on a caltrop would be shocked into noisy comment. The fact that only one has been found would seem to suggest that they were used little, if at all. As with all military equipment designed for European wars, the caltrop's presence in Virginia must be considered in the light of possible attacks by the Spaniards as well as assaults from the Indians.

The Japanese version of the caltrop is called "makibishi". Makibishi were sharp spiked objects that were used in feudal Japan to slow pursuers and also were used in the defence of samurai fortifications. Iron makibishi were called "tetsubishi", while the makibishi made from the dried seed pod of the water caltrop, or water chestnut (genus *Trapa*), formed a natural type of makibashi called "tennenbishi". Both types of makibishi could penetrate the thin soles of shoes, such as the waraji sandals, which were commonly worn in feudal Japan.



Caltrop from Vietnam

Caltrops were even used in World War II as a special weapon of the Office of Strategic Services. Issued to partisans in Europe, these were made of hollow spikes that would allow the air to escape even from self-sealing tyres.

Nominal Roll

2ND/14TH LIGHT HORSE REGIMENT (QUEENSLAND MOUNTED INFANTRY) ASSOCIATION INC MEMBERS' NOMINAL ROLL

SURNAME	Christian Names	SURNAME	Christian Names	SURNAME	Christian Names
ADAMS	Joseph Edward	DODD	Roy Anthony	MAGILL	Kieran Anthony
ANDREW	Robert James	DUFF	Iain A	MARTIN	Michael
APPLEBY	Gordon Malcolm	DUNN	Timothy John	MCAULIFFE	Patrick James
ARMSTRONG	Albert James	EDWARDS	Paul Alexander	MCCANNA	Patrick
BALKIN	Rodney John	EFSTATHIS	Vlasis	MCCLELLAN	Scott Cameron
BARLOW	Peter Geoffrey	ELWELL	Leonard John	MCCROHAN	Scott Andrew
BARLOW	Geoffrey	FALLEN	Stafford Ernest	MCDONALD	Glenn Andrew
BEAUCHAMP	Peter	FARMER	Miles Wilmot	MCNAMARA	Graham Lawrence
BELL	Keven James	FAY	Boyd James	MCQUILLAN	Matthew
BELL	Paul James	FINLAY	Robert Grayden	MEECHAM	Joan
BIRBECK	Ian William	FISHER	David	MEECHAM	Maurice William
BIRD	Richard	FLYNN	Trevor	MILLER	Talan Benjamin
BISHOP	John Thomas	FOENANDER	Steven Gary	MORRIS	Keith Edward
BLYTH	Colin Robert	GALLAGHER	Christopher	MYERS	Gregory Francis
BRADY	Russell	GAUDRON	Darryl Clive	NICHOLAS	Graeme Stuart
BROOKES	Daniel	GIBB	Malcolm	NOBES	Anthony John
BROWN	Carmel	GIBB	Roslyn Rae	NOFFKE	Selwyn George
BROWN	Charles Francis Geoffrey	GREEN	Brian	O'DONNELL	Michael Mellin
BROWN	Darren	GRIFFITHS	Trevor	O'GORMAN	Peter Darnid
BROWN	George	HAGERTY	Bob	O'ROURKE	Thomas James
BROWN	Graeme Rodney	HAIG	Edward Malcolm	PAPWORTH	William Henry Mostyn
BUCK	Keith Cyril	HARDY	Simon Desmond	PATULLO	Rodney David
BUDDEN	John George	HARRIS	Ewan	PEAKE	Gregory John
BUNKER	Colin Leslie	HATFIELD	Brian John	PHILLIPS	Kenneth Roy
BURFORD	Matthew Thomas	HAYDON	Chris	POND	Christine Michelle
BURKE	Anthony Joseph	HENDERSON	Andrew	POOLE	Robert George
BURLEY	Shayne	HERMANN	Bruce Ronald	PORTER	Stephen
BURNELL	Jeff	HOHN	Rod James	QUALISCHEFSKI	Geoffrey Lloyd
BURNS	Christopher Mark	HOLDEN	Peter Damien	REDDAN	Ian Laurence
BURROWS	Graeme James	HOLDER	Gary James	REWKO	Peter Michael
BUTLER	Michael John	HOLDER	Wendy Ann	ROCHE	Michael James
CANTWELL	Jane Elizabeth	IZATT	David John	RUSHBY	Peter Roy
CANTWELL	John Patrick	JACKWITZ	Kevin Hermann	RUSSELL	Geoffrey Alan
CATTS	Adele	JARDINE-VIDGEN	Grahame Lascelles	SALMON	Steven Gary
CHAPMAN	Robert George	JENSSEN	Erik John	SCAYSBROOK	Jason
CHAPPEL	Dean	JOHNS	Alexander Francis	SCHURR	Jason David
CHAPPEL	Karen	JORDAN	Bon Barry	SHEPHERD	Keith Edward Patrick
CHAPPEL	Marc John	JORDAN	Ray	SINCLAIR	Terry Andrew
CHILDS	Thomas Edward	KEARNES	John Summer	SMITH	Gregory John
CHIVERS	Alexander Francis	KEENAN	Patrick	SPARGO	Kevin John
CLARKE	Bradley Allen	KELLY	Pat	SPATARO	Giuaeppe
COKLEY	Terence Patrick	KING	Darryl Leslie	STEPHENS	Chris
COLEMAN	Paul Mckenzie	LANE	Brett	STEWART	Timothy James
COUGHLIN	Joan Mary	LANG	Rodney Ian	STITTUP	Stephen John
COX	Nigel Brendon	LAWLER	Philip Geoffrey	STURDY	Peter Michael
CRAWFORD	Scott Mcivor	LEGGETT	John	SULLIVAN	Russell Leonard
CROMBIE	Donald Sutherland	LESLIE	Derek Peter	THWAITE	Maurice Henry
CROSS	William Patrick	LIBBY	Andrew	VONK	Robert William
CROSSLEY	Michael	LILLIEBRIDGE	Phillip	WADESON	Anthony
DABROWSKI	Michael Patrick	LILLIEBRIDGE	Priscilla Ellen	WAYCOTT	William Grant
DE VERE	Ramon	LITKOWITZ	Terry Don	WEAR	Russell Barry
DEVRELL	Christopher Brian	LOVEGROVE	Graham Roy	WEBSDANE	Christopher Andrew
DICKSON	Frank Eric	LOWE	Trevor	WHITEMAN	Craig
DICKSON	James Eric	LUCAS	Shane	WHITTETT	John Geoffrey
DIMMICK	Gordon James	LUNT	Anthony	WILSON	Darryl
				WILSON	John Arthur William