



Jimmy's Own

Official Newsletter of the Signals Association

Issue 36 - March 2025

Can you help?
The Signals Heritage
Project needs your
help

Cutting edge
A closer look at military swords

Myths and urban legends
We sort fact from fiction



Message from the Chairman and Editor

This First issue in the 'new year' takes us well into 2025. The year 2025 is certainly speeding ahead, as here we are already in the third month of the year and another busy year ahead. I hope that all our members have experienced a happy transition from 2024 to 2025 and that you all are experiencing good health thus far.

Last year we very successfully celebrated the 100th anniversary of the SACS, and this year is the Signals Association 25th anniversary. Manco already discussed this matter, and our Social Sub-committee is also gearing up and planning some celebration, the details of which will be made available shortly.

We are honoured to be able to experience this wonderful milestone. Please support us in our efforts and participate. All members and friends please blot out Saturday 29 November 2025 for our birthday lunch. I can assure you this will be something not to be missed.

This year we as members of the Signals Association want to pay tribute to our forbearers, especially our founder members who laid the sound foundation for us to build on. Although not all of them is with us anymore, they deserve to be acknowledged and honoured for their outstanding leadership and service to our Association over the past 25 years.



Let us make 2025 an exciting and wonderful experience for us all.

But sadly, this year already brought tragic news for South Africans with the death of 13 members of the South African National Defence Force (SANDF) in conflict in the Democratic Republic of the Congo (DRC). Our prayers are with their families and loved ones – “We will remember them”.

Finally, thank you for your support and being part of a proud Signals family.

Geoff Laskey
Chairman and Editor

What's in this issue of Jimmy's Own?

4 Can you help?

Call for assistance and/or support for the Signals Heritage Projects.

6 Acknowledging not only success

The Royal Signals Institution Award of the Master of Signals Commendation and the Master of Signals Coin for Excellence to Dr Brian Austin.

8 Interesting discovery

Matt Tennyson visits Paternoster and makes an interesting discovery.

9 Food for thought

Some thoughts to think about.

10 Cutting edge

Geoff Laskey takes a closer look at military swords.

12 The birth of British Radar

Dr Brian Austin talks about the 90th anniversary of the birth of radar in Britain.

15 Myths and Urban Legends

We sort fact from fiction.

18 Birthdays

Our birthdays for the next three months.

Front Cover

Tim Reilly laid a wreath on behalf of the Signals Association at the SAS President Kruger Memorial Service.



Can you help?

Call for assistance and/or support for the Signals Heritage Projects. By **WO1 Paul Els (Ret)**.

There are two extremely important projects launched at National level to initiate and preserve the history, heritage culture and legacy of the South African SACS.

Firstly, there is the museum being developed at Fort Schanskop at the Voortrekker monument. This project focusses on the role and activities of the SACS in the conflicts in the South-West Africa, Angolan and South African theatres.

The second project is the proposed works on the commemorative walkway at the Voortrekker monument to honour various divisions in the South African armed forces.

Included are copies of letters received giving background to the above projects. It must however be emphasized that both these projects require careful planning and implementation. The main challenges identified are the following;

- Expertise and knowledge for both projects i.e. Curator for the museum and designer for commemorative works (SACS Specific) on the Voortrekker Monument site.
- Obtaining of donations and sponsors for both projects. If any person does have contacts with individuals who may be willing to donate or sponsor you may contact me, and I will put you in touch with Paul Els.

The purpose of this information is to call on all Jimmys to come forward and assist and make themselves available to successfully implement and sustain the two projects which is of major importance to foster and encourage the continuation of the “*esprit de corps*”, image and traditions of Signallers.

It is important to note that both projects now need to be implemented as a matter of urgency in order to keep our space allocated and not to miss this wonderful opportunity.

Propatria Museum; Letter from WO1 Paul J. Els (Ret)
(<https://propatriamuseum.org.za/>)

Geagte Seiners,

Die ProPatria museum is die amptelike museum vir ons Bosoorlog. Ons is tans besig met die vernuwing van die uitstallings, van SAW korpse en eenhede, in Fort Schanskop by die Voortrekkermonument.

Ek is besig om die Seiners se uitstalling voor te berei en benodig enige Sein verwante uitrusting daarvoor, byvoorbeeld: radio's, Tel Js, Don10 kabel, Morse sleutels met 'buzzer', Sein vlase, groot foto's, 'flashes' en kentekens, handleidings, 'camo' net, 'n “Jimmy” beeld, ens.

Ek het hulp nodig om die uitstalling te doen en vra vir donasies om klein uitgawes te dek.

Enige skenkings kan gedoen word by Fort Schanskop wat elke dag oop is waar jy 'n ontvangsbewys vir die skenkings sal kry.

Ons soek enige Seiners wat wil betrokke raak om die ‘Seiners Vriende van die PPM’ te bedryf.

Die PPM, in samewerking met die Voortrekkermonument en die Erfenis Stigting, beplan 'n Militêre Wandelpad in die tuine van die monument,

agter die Muur van Herinnering, vir kleiner en unieke gedenktekens.

Daar is alreeds 'n bestaande wandelpad en dit kan uitgebrei word. Die wat alreeds daar is, is onder andere die Viscount suil en die nuwe gedenkteken vir SAW diere (perde en honde). laasgenoemde is onder konstruksie en amper voltooi.

Ander organisasies wat aangedui het dat hulle gedenktekens beplan is die Valskerm PVO, TDK MVA, 61 Meg Bn Gp MVA, en die SAWV. Die skakelpersoon wat die projek namens die PPM en die RMVO hanteer is Renaud Booysen.

Ons vra vir 'n Seinkorps verteenwoordiger om die moontlikheid vir die Seiners te kom bespreek om 'n Seiners gedenkteken op te rig met Renaud. Die omvang van die gedenkteken moet verkieslik klein wees en die Savannah gedenkteken is 'n goeie riglyn in terme van grootte en omvang.

You can contact Paul Els on:
Cell: 066 344 4154
E-mail: paul@who-els.co.za

Awards not only acknowledge success

The Royal Signals Institution Award of the Master of Signals Commendation and the Master of Signals Coin for Excellence to Dr Brian Austin.

Although an article on the same matter appeared in our June 2020 issue of Jimmy's Own, I am of the opinion that this award to Dr Brian Austin merits a revisit with a bit more detail on the background to the Royal Signals Institute (RSI) and how awards are made.

"Dr Brian Austin is a retired engineering academic from the University of Liverpool's Department of Electrical Engineering and Electronics. Before that he spent some years on the academic staff of his alma mater, the University of the Witwatersrand in Johannesburg, South Africa.

In 1963 he was called up to do his National Service at 10 Signal Training Squadron in Voortrekkerhoogte. After completing the initial training, camps and parades he re-joined the SACS part time forces in 1976 as a commissioned officer.

He then served at Witwatersrand Command in a number of roles, eventually ending up in the rank of major, as SO2 Tactical Communications. He retired from the SACS in 1984.

In 1987 he emigrated to the UK where he worked for nearly 20 years at the University of Liverpool in the Department of Electrical Engineering and Electronics.

In 2019 the Master of Signals awarded Dr Brian Austin, one of our Signals Association Members now residing in England, the Master of Signals Commendation, in recognition of his support to the Royal Corps of Signals over the years, including articles for the RSI Journal, lectures to the RSI and presentations to the Museum, as well as all the good advice and wisdom he dispensed so readily over this time.

Sadly, as a result of the Corona Virus outbreak Brian's commendation could not be handed to him on a special award ceremony, but he did receive the Certificate, Coin and a Royal Corps of Signals tie.

An excerpt of the citation for his award reads as follows "*particularly was his account for reasons for communication failure in operation Market Garden in WWII, citing inter alia, the use of limited range manpack radios designed during a sunspot maximum cycle, which artificially inflated the range, and inappropriate antenna systems. Of special interest was an account of the communications used by covert agents in France and the efforts made to ensure contact through proper frequency collection and specialised antenna configuration, always conducted under the threat of discovery.*



The Master of Signals Commendation and Master of Signals Coin.

In his civilian life the design of a communication system for use in the difficult underground environment of gold mines was hailed as a technological breakthrough".

Amongst other things some 20 years back, Dr Brian Austin also addressed a packed main hall at the Royal Sigs HQ in Blandford, when he discussed the history of signalling in Southern Africa, including the former Rhodesia. Since then, he has fed the editor of the RSI Journal with occasional articles and had donated to the Royal Signal Museum some SACS items, Brian's SACS stable belt, a SACS Jimmy, some rank insignia plus other oddments which the museum found fit to place on display in the section devoted to the affiliated Signal Corps of the Commonwealth.

The Royal Signals Institution (RSI)

was established in 1950 under the authority of the British Army Council to foster the professional well-being of the Royal Corps of Signals and to contribute to the development of its operational capabilities.

The RSI works to support signallers of the Royal Signals and Queen's Gurkha Signals by encouraging life-long learning and professional attainment; recognising extra-ordinary contributions and achievements; promoting enquiring and debate; and a myriad of professional networking opportunities.

It is important to note that awards do not only acknowledge success; they recognise many other qualities: ability, struggle, effort and, above all, excellence.

There are a number of ways in which the remarkable deeds and truly outstanding abilities of Royal Signals and Queen's Gurkha Signals soldiers and officers can be recognised for their special contributions to the Royal Corps of Signals. In recognising extra-ordinary contributions and achievements one of the duties of the RSI Council is to provide the Master of Signals of the Royal Corps of Signals with its recommendations for awards from the many nominations that are submitted annually.

One of these awards is the nomination for the award of the Master of Signals Commendation and the Master of Signals Coin for Excellence. The Royal Signals Policy Directive 157 (Awards and Prizes) is the authoritative source for the criteria and eligibility for

all RSI, corps and external awards and prizes. The award takes the form of a rather nice coin and scroll.

The foregoing gives us a background and highlights the significance of the award of Master of Signals Commem-

dation to Dr Brian Austin and emphasise the fact that he is certainly a member of the Signals Association and the SACS, we are privileged to have and be proud of and whose membership and loyalty is treasured.

Well worth a visit

Matt Tennyson visits Paternoster and makes a fascinating discovery.

I decided to take a mid-week break and went down to Paternoster with my better half.

It was there at the Paternoster Waterfront that I discovered the most amazing place that houses an incredible collection of VW vehicles - Beetles, Golfs, Jettas, Kombis - you name it and you will find it.

I should mention the fact that they are all miniature vehicles, mostly diecast models such as Matchbox, Hot Wheels, Dinky and more. I don't think that I've ever seen a collection as complete.

If you find yourself down that way it's something well worth visiting.

Something else that caught my attention was an impressive display of Signal Corps unit flashes and two Signal Corps sable belts.

This display should come as no surprise because the owner of the VW collection (and the Signal Corps display) is one of our own.

Andre van Zyl served in the SACS for many years and I'm sure that some of you will know him.

Paternoster is only about 145km from Cape Town, so you can even do a day visit. Email Andre to make sure he's open when you visit. You can reach him on sales@diecastonline.co.za



Food for thought

DID YOU KNOW ?

- A crocodile cannot stick its tongue out.
- A shrimp's heart is in its head.
- Sharks do not have any bones.
- Snails have teeth.
- Your nails grow faster in hot summer.
- You can't fold a piece of A4 paper more than eight times.



MILITARY TRIVIA

- What is ARMY? "Alert Regular Mobility Young" is the full form of "ARMY."
- In 2005, the British Ministry of Defence issued soldiers special antimicrobial underwear that can be worn up to three months at a time without needing a change.
- On a Naval vessel someone called a Clacker Mechanic on board is the cook.
- The word "navy" came via Old French *navie*, "fleet of ships", from the Latin *navigium*, "a vessel, a ship, bark, boat", from *navis*, "ship".
- The Germans never had a term for a "sniper". They called it a *Scharfschützin* (feminine) or *Scharfschütze* (masculine). Both words mean "sharp shooter".
- In military parachuting terms HALO stands for "High altitude, low opening", while HAHO is "High altitude, high opening".



CORNY

- Which US Teams always get fresh uniforms for the Super Bowl. - The team from New Jersey.
- Why is the army so strict about their uniforms? - to minimize casual tees...
- What did the hat say to the necktie? - "You hang tight, I'll go on a head."
- I said to my tailor, "Do you know how to make a pair of trousers last?" - He said, "Sure - make the jacket first."
- Why did the golfer bring 2 pairs of trousers? - In case he made a hole in one.



Cutting edge

Geoff Laskey takes a closer look at military swords.

A military sword (sabre) is a sword used by the military, which can be ceremonial and, in the past, used in combat as a weapon. Today's swords are replicas of the functional weapons of the past and are essentially a ceremonial weapon.

Today, military swords, also known as ceremonial swords, are typically used for formal occasions and symbolic purposes in various branches of the military world-wide. It represents honour, tradition, and authority. These swords often have intricate designs, polished blades, and ornate hilts. While they may not be used in combat, military swords hold a deep historical and symbolic significance, serving as a visual representation of the military's heritage and values.

The British use the Pattern 1897 infantry officer's sword. The 1897 pattern infantry officers' sword is a straight-bladed, three-quarter basket-hilted sword that has been the regulation sword for infantry officers of the British Army from 1897 to the present day. Until 2004, swords of this pattern were used in courts-martial by escorts of the accused and if the accused was an officer, he would lay his sword on the table for judgement.

The Pattern 1908 cavalry trooper's sword (and the 1912 Pattern, the equivalent for officers) was the last

service sword issued to the cavalry of the British Army.

The first widely used South African swords were the British patterns with German-made blades. The South African swords deviated slightly from the patterns used elsewhere in the British military. In 1925, the South African Army Officer's sword adopted the three-bar hilt, but it was still based on the 1821 pattern and can therefore be seen as evolving alongside the British 1845 pattern Rifle Regiment's sword.

Post 1910 South African examples can be identified by the Union Mark which is a British broad arrow inside a "U". These examples also have a blank space on the blade where the Royal Crown would normally appear, but the guard will still be decorated with a Royal Cypher.

When South Africa became a Republic on 31 May 1961, the South African government ceased ordering swords from Wilkinson in Britain and began ordering German Solingen-made swords instead. The early South African swords had British hilts and German blades before becoming entirely British in 1845. After 1961, the new South African blades were of German manufacture.

Post 1961 South African swords no longer bear the Union Mark but used the new Republic Mark which was a



Fig 1: British Infantry Officer's Sword 1845.



Fig 2: SADF Officer's Sword.

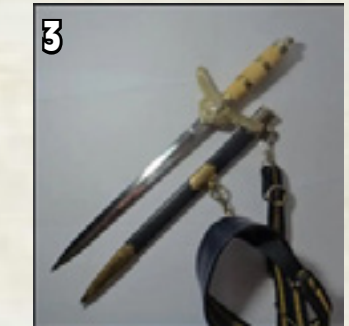


Fig 3: South African Air Force Ceremonial Dagger.

capital "M" and stood for "Military".

The new South African General Officer's sword was authorised in 1964 and was worn for the first time in January 1966 at the Opening of Parliament in Cape Town. The new General Officer's sword used a gothic hilt while the Army Officer's sword, which was adopted in 1963, used a standard steel hilt. The term "Gothic hilt" is derived from a perceived similarity between the curved bars of the guard and the arches found in Gothic architecture.

From July 1975, swords were no longer worn generally by the SADF. Despite the foregoing some elements of the SANDF such as the South African Navy, South African Air Force

and SANDF Reserve Force Units continued the tradition at ceremonial military events.

Swords in the modern military are no longer used as weapons and serve only ornamental or ceremonial functions. A longsword will not save a soldier from an artillery barrage. A katana (Japanese Military Sword) will not help you fight against drones. Soldiers do not carry these weapons, because they have better and more effective and technically advanced weapons at hand.

One distinctive modern use of sabres is in the sabre arch, performed for servicemen or women getting married.

The birth of British Radar

Dr Brian Austin expands on the 90th Anniversary of the birth of British Radar.

Next month sees the 90th anniversary of the birth of British radar. As you will all know, we have just celebrated the 85th anniversary of the birth of South African radar and the vital role played in developing and operating it by the Special Signals Services (SSS) of the SACS.

The latest issue of the UK's Defence Electronics History Society (DEHS) e-newsletter kicks off with the famous painting of the "Daventry Experiment", as it's become known.

I have one of the numbered copies of that painting hanging on the wall in my study and below it (though a lot smaller in keeping with due deference!) is my own version of the first radar target seen in South Africa, on 16th December 1939. (See below the opening remarks about the Daventry Experiment and a photo of my commemoration of it all.)

"DAVENTRY 90, for many British, the 26th of February 2025 marks the 90th anniversary of the invention of radar. This being the date of the 'Daventry Experiment' – an experiment which Robert Watson Watt himself had structured in such a way that it would hardly give a negative answer to the demands of Air Marshal Hugh 'Stuffy' Dowding, to show usable results of radio wave reflection from an aircraft before he would agree to funding for further

research.

A Heyford bomber therefore flew through radio signals transmitted from the BBC transmitter at Daventry. Reflected radio waves were then received in equipment housed in a converted ambulance in a field near Daventry by 'Skip' Wilkins and Watson Watt, with AP Rowe as an Air Ministry observer, and the first intentional 'blip' on an embryonic 'radar' cathode-ray tube screen appeared.

A usable non-tube-screen 'radar' for shipping had of course been publicly demonstrated by Christian Hulsmeyer at the Hohenzollern Bridge in Cologne on 18 May 1904, and later patented; this is today, thanks to the original research of our colleague Arthur Bauer, seen as the invention of radar, and with the advocacy of Professor Hugh Griffiths, accepted as such as an IEEE Milestone.

The Daventry experiment is nonetheless seen as the foundation stone of defence radar; it stimulated Air Ministry research for air defence radar and the approval within a short number of months of the funding for a national chain of radar stations for air defence, the first in the world to be so.

This was itself followed by a sequence of world firsts, including the first operational air defence radar station at Bawdsey and the first intention-



ABOVE: Photograph depicting the birth of radar.

BELOW: Memorial plaque in Litchborough.



al airborne radar installations designed at Bawdsey and created at Martlesham airfield nearby. For this reason, DEHS, Bawdsey Radar Trust (BRT) and Malvern Radar and Technology History Society (MRATHS) are co-operating in the event at the BT Research centre, Martlesham (with thanks to both BT and to Bawdsey Radar Trust) on Friday

15 August 2015, and the BRT's Bawdsey Transmitter Block on Saturday 16 August 2025 with speakers illustrating the history and displays the technology used. Full details will follow soon, and we look forward to your booking and our welcoming you there!"

On your bicycle

Signals Association and Western Cape Reserve Signals Unit (WCRSU) join hands for Cape Town Cycle Race.

The Chairperson of the Association approached the Officer Commanding of the WCRSU to assist with providing resources for safety marshals duties at the start precinct of the Cape Town Cycle race on the 9th of March 2025.

Lt Col Sharon Fortuin immediately agreed and on Saturday 15 February 2025 the members of both organisations attended an information and training session on Event Safety aspects related specifically to the Cape Town Cycle Tour. Twelve members at-

tended the session and over and above the Cycle Tour aspects also served to build relations between the members of the two organisations (Fellow Jimmy Vets and Serving members).

A further orientation session will be conducted on the Cape Town Grand parade on Saturday 8th March 2025. The Grand Parade will be the Starting point for approximately 20,000 cyclists and the duties performed by our teams will be focussed on the safety of event staff, participants and spectators at start precinct.



GETTING READY: Members having a Tea-break during Training. Insert: Aerial photo of the start precinct

Military myths and urban legends

Let's look at some well-known, and some lesser known, myths and legends about the military and see if they are actually true or not.

Did you know that Hitler's real surname was Schicklgruber? Or that Roosevelt knew that Pearl Harbour was going to happen? And of course you must know that carrots help you see in the dark.

And if you did know any of the above, sorry to disillusion you, but none of it is true.

It's not surprising that myths will spring up about wars, the events that took place during wars, and the people that fought in them. While some of them are true, most of them are nothing more than myths and urban legends.

Let's examine a few of them and see whether they are true, or nothing more than a myth.

The Myth

France meekly surrendered to Germany in 1940 because the French were cowards.

The Verdict

False

The Reality

While it is true that the French did surrender quickly - the Germans achieved this in six weeks, something they had been unable to do in four years during World War I - the reasons are oversimplified.

The French were relying heavily on the Maginot Line to stop the German

advance. Instead of attacking it the Germans went around it.

French troops fought hard during the Battle of France, inflicting over 150,000 casualties on the Germans and destroying over 800 tanks. The French army was let down by poor leadership, dumb tactics, bad logistics and commanders trying to fight a defensive war.

The Myth

US President Franklin D. Roosevelt knew that the attack on Pearl Harbour was going to take place. He allowed it to happen as a pretext for war.

The Verdict

False

The Reality

While there were fears that the Japanese were going to launch an attack, the Americans had no idea of where and when it would happen.

Pearl Harbour was a combination of bad luck, poor training, and bitter rivalry between branches of the US military.

The US Navy believed that the Japanese did not have the ability to attack Pearl Harbour because of its shallow depth, making it almost impossible to launch torpedoes from planes.

The incoming Japanese planes were detected by radar but no warning was passed on. Radar was brand new and

being operated by men who barely knew how to use it at the time.

The Myth

US country singer John Denver was a sniper during the Vietnam War. He had the second highest amount of sniper kills during the war. His hit song "Sunshine On My Shoulder" was actually about his exploits as a sniper.

The Verdict

False

The Reality

Not only was Denver not a sniper in Vietnam, he never served in the US Military at any stage.

The Myth

A German U-boat, the U-1206, sank when the experimental toilet it used overflowed, causing a flood that could not be stopped.

The Verdict

True (kind of...)

The Reality

This story is true. Well almost true. The U-1206 was a new German submarine carrying a newly developed form of high-pressure toilet that could be used at lower depths than the older systems.

While on patrol the captain had to use the heads and when he went to flush the toilet he accidentally opened a valve to the outside.

This caused water to flood in which contacted the subs batteries, causing deadly chlorine gas to form.

In order to vent the gas the captain

ordered the sub to surface, which it did, right in front of the Scottish coastline. The sub came under attack and was badly damaged. The captain ordered it to be scuttled.

The Myth

When France surrendered after only six weeks Hitler was so overcome with joy that he danced a jig that was captured on camera.

The Verdict

False

The Reality

On learning the news that France had surrendered after only six weeks, Hitler took a slight step back in shock. The event was indeed captured on film.

The British then edited the film to make it look as if Hitler was dancing a silly jig. It was a clever bit of propaganda by the British and it certainly worked. It stirred up outrage and mockery of Hitler.

The Myth

Hollywood actors Jimmy Stewart and Charles Bronson were decorated World War II veterans.

The Verdict

True

The Reality

Both Stewart and Bronson served in the US Army Air Corps during World War II.

Stewart served with a B-24 squadron and flew over 20 combat missions over Europe. He was decorated with



THE FUHRER QUICK STEP: Adolf Hitler danced a jig on learning the news that France had surrendered. Or did he?

two Distinguished Flying Crosses, the French *Croix de Guerre*, and multiple Air Medals.

Bronson, who was born Charles Dennis Buchinsky, came from a family that was so poor that he had to wear his sister's dress to school.

He worked in a coal mine until he was drafted into the US Army Air Corps. Trained as an aerial gunner, he served on B-29 Superfortress bombers during the Pacific Campaign. He flew 25 missions and was awarded the Purple Heart for injuries sustained during a raid on Japan.

The Myth

During World War II a British officer disabled a German tank with an umbrella.

The Verdict

True

The Reality

Major Digby Tatham-Warter was a British paratrooper dropped at Arnhem during Operation Market Garden.

He said that he carried an umbrella with him because he always had trouble remembering the passwords after a drop. Few men could mistake the man carrying an umbrella in the middle of a war to be anything but British.

During the failed attempt to hold the bridge at Arnhem he actually did disable a German tank by thrusting the umbrella through the observation slit of the tank and wounding the driver.

Another account was when the battalion chaplain was pinned down by mortar fire, Tatham-Warter walked over, opened the umbrella as if to give him cover from the fire, and calmly escorted the chaplain to safety.

Wounded and captured, he escaped from the hospital with another British officer.

If you found this article interesting, we can do another one in the June issue of Jimmy's Own.

Happy Birthday!

The Signals Association's President, Chairperson and Manco members wish all the members below on their birthdays in the next quarter.

We wish you a very special birthday and a wonderful year ahead! We hope your birthday is full of sunshine, rainbows, love, and laughter!

The Association send you many good wishes on your special day.

May 2025

Frik Rabie	13th
Peter Longbottom	16th
David de Kock	17th
James Tintinger	18th
Ramona Fourie	26th

March 2025

Joseph Zegal	1st
Anthony Bethke	3rd
LeeannSchmidt	8th
Sharon Fortuin	9th
Amanda Shagom	10th
Dirk Byker	15th
Clive Justus	20th
Herman Jacobs	21st
Jose Pereira	26th
Chris Brandsen	29th

April 2025

Wilna Bekker	1st
Bjorn Pohlman	3rd
Phyllis Webb	4th
Piet Jordaen	6th
Christa Krige	8th
Marc Goodleser	9th
Brian Austin	9th
Lesley-Anne Stroud	10th
Jerome Beukes	18th
Marina Valentine	20th

