

**THE
LINE**

**BLACKSTUMP
TESTS OIL
CONTAINMENT
CONCEPT**

**WELCOMING
NEW TUGS**

SIMULATOR PUT TO THE TEST
LEDA MAERSK VISITS SYDNEY HARBOUR
PORT KEMBLA FIREFIGHTING EFFORT



A MESSAGE FROM OUR MD

Welcome to The Line, Svitzer Australia's new quarterly printed newsletter!

It's been a big year for Svitzer Australia. Not only have we welcomed two new vessels to our fleet, you have seen a change in leadership, and the Australian towage industry is more competitive than ever.

Before I reflect on the year that was 2018, I'm happy to confirm that in the new year, we will welcome two newbuild tugs in 2019, bolstering our fleet capability across the network. The new tugs will be delivered to Port Kembla and Newcastle and will trigger a fleet reshuffle, which will solve for:

- Improving the fleet profile in Port Kembla in readiness for FSRU (Floating Storage Regasification Unit) work (i.e. LNG import)
- Upgrading our fleet to meet the growing needs of Flinders Ports in Adelaide
- Bringing younger and more powerful tugs into Geelong
- Bringing additional firefighting capability into Sydney to meet licence requirements
- Supporting opportunities in the North-West of Australia
- Bolstering our national emergency towage capability.

In other exciting news Svitzer Australia has signed a new non-exclusive license for towage

services at the Port of Geraldton for a period of 5 years — with a further 2 x 5-year options from 1 January 2019. Svitzer will invest in 3 new state of the art newbuild tugs for delivery mid-2020, all with bollard pull of 70+ tonnes, including:

- 2 x Robert Allen Traktors (2800 TRAKtors)
- 1 x Robert Allen RA3000

We're delighted to be able to continue to support Mid West Ports, our joint customers and secure the ongoing employment of our Geraldton crew.

Every day I am reminded that we are a global company with a local touch. We make use of a global network of expertise. The operations in each of our ports comes down to our people — those who know best about their community.

This was beautifully illustrated by the naming of *Svitzer Newton* in Fremantle — undoubtedly a highlight of the year. Our business doesn't operate without people like **Steve Newton**. He's at the heart of what we do. So we were thrilled to celebrate with Steve and his family, recognising his commitment, passion and professionalism with the very special honour of naming a vessel after him.

We also welcomed *Svitzer Glenrock* to Newcastle Harbour, heralding the start of

active escort in the Port of Newcastle. *Svitzer Glenrock* will handle cape-class bulk carriers and large petroleum tankers as they enter and leave the harbour. More than seven years of hard work and preparation went into making active escort in the Port of Newcastle possible. The end result is a credit to the Newcastle team.

And to the north, we were alongside to assist with the first LNG cargo from the Ichthys LNG project exported from Darwin, for INPEX. The Ichthys LNG project connects the Browse Basin and the Northern Territory. Exports will continue to leave from Bladin Point near Darwin in Australia, destined for the Asian market. The first shipment in October signifies a major step forward for the project, which is expected will operate for 40 years to come.

These are a few of our many successes throughout the year and I wanted to say thank you for steering Svitzer through challenging waters. We have come out stronger and more successful.

We can all take pride in the achievements of 2018 and look forward to an equally exciting 2019.

Nicolaj Noes



WELCOMING NEW TUGS

Svitzer Glenrock and Svitzer Newton

We welcomed two new tugs to our national fleet in 2018, *Svitzer Glenrock* to Newcastle and *Svitzer Newton* to Fremantle. Both tugs were given very warm welcomes to the fleet with traditional naming ceremonies in September and October.

The tugs were given names that hold great significance to their new ports by the local

teams — *Svitzer Glenrock* after a well-known recreation reserve in Newcastle and *Svitzer Newton* after one of Fremantle's longest serving and most respected team members, **Steve Newton**.

Svitzer Glenrock was blessed by **Emma Fensom** Port Authority of NSW Chief Operating Officer at a celebration attended by Svitzer Global

CEO **Henriette Thygesen**, Svitzer Australia MD **Nicolaj Noes** and shipping and maritime industry representatives.

Svitzer families and friends came along to Fremantle Maritime Day in September to celebrate the naming of the of *Svitzer Newton*, who was officially named by **Hon. Rita Saffioti** MLA, Minister for Transport, Planning; Lands.



A few notable mentions from around the coast

Brisbane Recorded



751 TUG JOBS IN OCTOBER

Brisbane recorded a mammoth 751 tug jobs in October – officially the busiest month since our records began in 2012 for the port of Brisbane!

The team in Eden have made every day a safe day for the past ten years, recording not a single LTI in that time.

A celebratory BBQ was held in September.

This surpasses earlier results when two operators were in the port. Congratulations to everyone involved, these are fantastic achievements and a great outcome of working together to provide safe, reliable and efficient services to our customers and stakeholders.

Eden Celebrates



10 YEARS LTI FREE

BLACKSTUMP TESTS OIL CONTAINMENT CONCEPT

Svitzer crews from Kwinana Lines played an integral role in project Blackstump – a joint industry exercise held to demonstrate the feasibility of using an oil tanker as a storage vessel in a large offshore containment and recovery operation.

The Svitzer team worked with industry body, the Australian Marine Oil Spill Centre (AMOSC), Teekay Shipping and Fremantle Port Authority to test the concept.

AMOSC operates the Australian oil industry's major oil spill response facilities. It is a not-for-profit company, established in 1991, and is comprised of companies in oil and gas operations including BP, Chevron, Shell, Quadrant Energy, BHP Billiton, Woodside, ExxonMobil, Santos, Caltex, Inpex Browse and Oil Search. AMOSC also provide training and coordination to industry personnel to provide immediate emergency oil spill response.

Blackstump was the brain-child of BP Australia Marine General Manager, **Brett Whiteoak**. The concept — based on a 'dream' during the Deepwater Horizon incident in Gulf of Mexico, 2010 — was to deploy two lengths of offshore Ro-Boom oil containment booms to a marine oil spill.

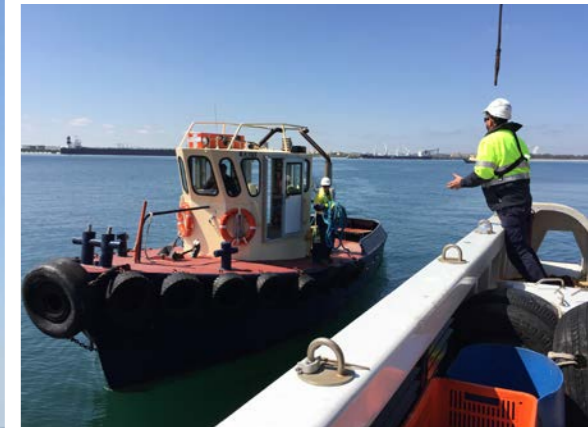
The boom lengths would be connected to a tanker in a double J-Sweep formation. Skimmers would be deployed to the sweep pockets to retrieve oil from the marine environment into the tankers storage tanks.

This would allow for a rapid response emergency management process to be

deployed anywhere within Australian coastal operational areas, including to PNG and NZ.

Blackstump was completed under the marine command and control of Svitzer Marine Standards Superintendent, **Trent Walkley**, and AMOSC General Manager, **Nick Quinn**, who was stationed on the bridge of the tanker. Svitzer crews from Kwinana Lines facilitating line boat and mooring gang works at Kwinana's BP refinery, together with the Fremantle Port Authority response vessel, assisted with the deployment and towage of the booms, connecting them to the Teekay shipping tanker, Vacamonte.

Over a three-day deployment involving towage, connection and demobilisation, **Brett Whiteoak's** concept was realised as six vessels manoeuvred the booms into the J-sweeps at 600-metre lengths.



Many months of planning meetings, crew consultations and design amendments were conducted between all parties, with the Svitzer marine crews playing a significant role as subject matter experts for the handling and design of the task.

Nick Quinn was impressed with the Svitzer team's knowledge, capability, and professional conduct.

"Thank you for the three days of constant vessel support and demonstrated seamanship within your fleet," Nick said. "We really appreciate the professionalism and 'want' to make this exercise successful – at considerable cost to Svitzer!"

Congratulations to Trent Walkley who led the operation on behalf of Svitzer, and to the team involved.



MASTERS PUT SIMULATOR TO THE TEST

A milestone was reached in September when the Svitzer and Schottel Simulation Centre in Fremantle hosted the first Masters Contingency Course.

Don Reid and **Luke Ritchie**, Masters from Western Australia and **Grant Beaty**, Master from South Australia were taken through a series of scenarios and exercises by Fleet Training and Check Master **Dave McInnes** and simulator operator **Peter Hoffman**.

The world-class simulator provides a dedicated training resource for our crew, and an opportunity to run through various scenarios in a safe environment.

About the Svitzer Schottel Simulation Centre

The Svitzer Schottel Simulation Centre, hosted at Svitzer Australia's Fremantle office, is an innovative custom-built centre that has a full 360° view tug boat bridge, separate ship's bridge and engine room simulation rooms. Its principal purpose is to provide a centre of excellence for the training and assessment of Svitzer Australia vessel crew, Schottel personnel, Harbour Masters and Pilots.

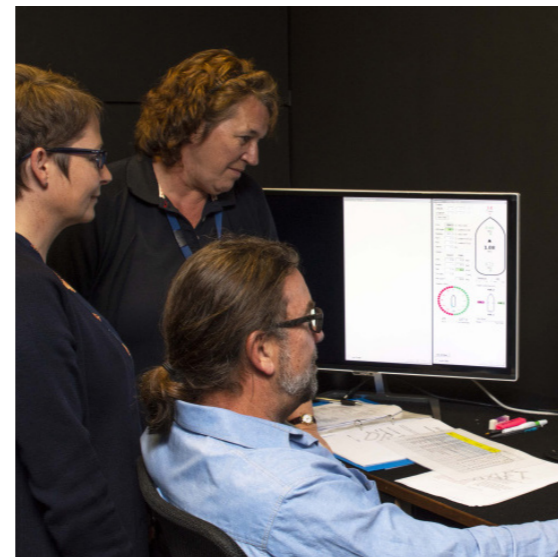
The simulator was first developed in 2015, at which stage it provided a 270° view over 14

screens. Early in 2017 it was moved to a bigger space, with the addition of a helm console and ship's bridge view. Later in the year, in partnership with thruster propulsion experts Schottel, a fully functional engine room was built, connecting in to the tug simulator consoles. Further upgrades were made in early 2018 to the ship's bridge component, a classroom space added, and extra screens fitted to the main tug simulator to provide a 360° field of view. Throughout, Svitzer worked with Force Technology on the development of software to enable training to be conducted with a range of tugs, ships and ports. The simulator now has the ability to be used with a Master operating the tug, an Engineer in the engine room and a Pilot on the ship's bridge, all training and working collaboratively together through various scenarios.

The centre also enables trainee Masters to practice movements in a safe environment, and provides crew, pilots, management and ports with the ability to come together to safely simulate, trial and risk assess new manoeuvres, new types of tug work, or work in new environments.

With the inclusion of the different elements of tug bridge, ship's bridge and engine room, the Svitzer Schottel Simulation Centre provides a world-class facility and collaborative space to enact, train, practise and assess over a wide range of ships, tugs, port and event scenarios. Competence, awareness and confidence can be improved and refreshed in the simulator,

before transferring out into the work environment, making vessel movements and port operations much safer and more efficient.



HEADLINES AND PORT KEMBLA RECOGNISED AT DCN AWARDS

Close to 450 maritime industry stakeholders converged in Sydney in October for the 2018 Australian Shipping and Maritime Industry Awards. The event is an annual industry highlight hosted by Daily Cargo News.

Svitzer Australia was well represented as event sponsors and with finalists in the categories:

- Women in Shipping and Maritime Logistics Award — Operation Centre Manager, East Coast Australia, **Tiffany Adams**
- Seafarers Welfare Award — HEADlines
- Maritime Services Award — Svitzer Australia Port Kembla
- Environmental or Safety Award — the Svitzer Schottel Simulation Centre

A big congratulations to all finalists, who were in great company in their respective categories.

We were lucky enough to be awarded Highly Commended in the categories:

- Seafarers Welfare Award — HEADlines. This award was accepted by **Jake Field**.
- Maritime Services Award — Svitzer Australia Port Kembla. This award was accepted by **Adriana Dello Iacono**.

Congratulations once again!



TIFFANY ADAMS
Women in Shipping and
Maritime Logistics Award



HEADLINES
Seafarers Welfare Award



**THE SVITZER SCHOTTEL
SIMULATION CENTRE**
Environmental or Safety Award



SVITZER AUST PORT KEMBLA
Maritime Services Award

Newcastle Master awarded scholarship

Congratulations to Newcastle Master, **Nik Payne**, who has been awarded The Barker Maritime scholarship.

The Barker Maritime Scholarship is awarded by the Hunter TAFE Foundation a not-for-profit charitable organisation working with Hunter business, education and community leaders committed to supporting education and training at TAFE NSW by helping students achieve their goals.

Nik plans to use the scholarship to complete his Bachelors of Applied Nautical Science, which with required sea time will allow Nik to go for Chief Mates/Masters Unlimited Certificate of Competency. Nik was presented his award at a ceremony on Tuesday 13 November in Ourimbah.

"I am very humbled to receive this award. This scholarship will allow me to complete a Bachelors of Applied Nautical Science to obtain a Masters Mariners Unlimited Certificate of Competency," Nik said. "I hope my ambitions may encourage

my fellow colleagues and future aspiring seafarers within the Maritime Industry to achieve their goals." Newcastle Port Manager, **Ben Hart**, says: "We are very proud of Nik for winning this scholarship. We know that he will use this in his efforts to pursue his goal of achieving a Master (Unlimited) qualification.

"We are glad to be able to support Nik in his studies and we admire the professionalism and dedication that he brings to the Newcastle operation."

And Training Manager, **Michaela Moss**, says: "We are proud of Nik who demonstrated a lot of motivation to undertake further training and certification to further his career. The scholarship is well deserved and we will continue to support Nik as he progresses."

Congratulations to Nik and all the best for your future studies.

FIRE CHIEFTAIN

When a bulk carrier caught fire at Port Kembla, the Svitzer tugs were called to the firefighting effort. Svitzer Australia might complete more than 50,000 tug jobs in Australian ports every year, but the company is also a key player in maritime emergency response, as a fire at Port Kembla in June 2018 demonstrated.

At 3.37 am on 18 June, the Svitzer operations centre at Newcastle was alerted by the Harbour Master to a fire on the bulk carrier, MV Iron Chieftain, which was docked beside the BlueScope steel works.

Barunga's Tug Master said that by 3.45 am, the A-class tug was fired-up in the Svitzer tug- pen and its Fire Monitor System primed.

"It took us ten minutes to reach Iron Chieftain, which was giving off thick smoke as we approached," he said.

While standing-off about 30 metres from the burning ship, a message from the port's Vessel Traffic Centre was received to communicate

via the NSW Fire and Rescue's VHF system and deal directly with the Fire Chief on the wharf.

"Once we contacted the Fire Chief on the shore side, we were taking instructions from him. We were asked to provide boundary cooling on the hull of the vessel."

Boundary cooling is an attempt to keep the steel hull cooled as it heats-up from a fire, allowing temperatures to remain at safe level.

The boundary cooling was provided by the tugs' "FiFi" equipment – an external fire fighting system which features an additional pump that draws water from the harbour and

pushes it through a deck-mounted water-cannon at an approximate rate of 600 cubic metres per hour. The water was trained on the port (seaward) side of Iron Chieftain, just in front of the ship's accommodation block.

"Each month we drill using our FiFi system as per our safety management systems, and several times a year we also perform drills with our local fire brigade. Only a month ago we participated in an exercise with NSW Fire and Rescue, Port Authority and a number of other local stakeholders," a member of the crew said.

Svitzer provided two tugs as an initial response, with an additional tug on standby. On Tuesday at noon, Svitzer was asked to provide continuous boundary cooling with one tug, and by early Wednesday morning, the Harbour Master requested that two tugs continue boundary cooling. The response lasted five days as NSW Fire and Rescue continued to extinguish the blaze on Iron Chieftain.

"A concern was the fire spreading and temperatures increasing," says a crew member. "The cooler we could keep the ship, the sooner the firefighters could work to extinguish the fire."

Amazingly, the three Svitzer tugs at Port Kembla managed to continue all shipping operations, ensuring no further impact to the port.



Svitzer Port Kembla operations runs three tug boats – *Kiama*, *Marloo* and *Barunga* – two of which are Z-Techs and one ASD, as well as three lines boats with more than 50 employees.

Iron Chieftain is a self-discharging vessel with unloading equipment inside the holds. The system uses two conveyor belts that push together to lift the cargo out of the hold, and it was the conveyor cargo system which caught fire.

"The emergency was complicated because the fire had spread through the access tunnels under the holds. It made the hull very hot which kept the firefighters from entering initially," said a Tug Engineer.

"The fire system on the tugs uses a large centrifugal pump powered by its own Caterpillar engine. It moves so much water that we can be called on by Fire and Rescue to connect to their hoses to tug manifolds," he said.

"We need that sort of power to fight fire from the seaside where landside access is unavailable. The capability allows us to pour a large volume of water onto a vessel when on fire."

The emergency response function is important for the harbour and the Svitzer tugs and crews are always prepared for events such as the Iron Chieftain fire.

The fire was finally declared to be out on

June 24, after seven days; it was a success but unfortunately Iron Chieftain sustained a lot of damage and is believed to be retired from service.

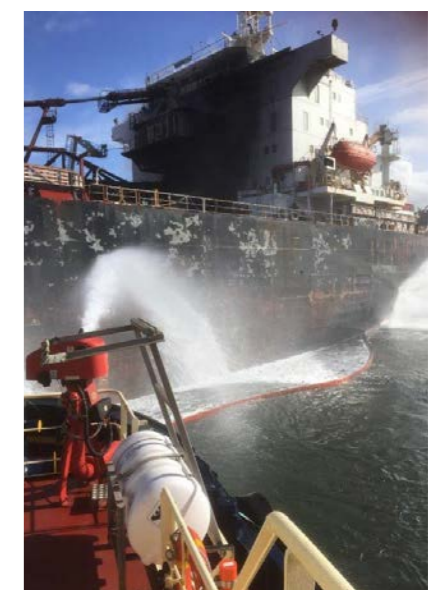
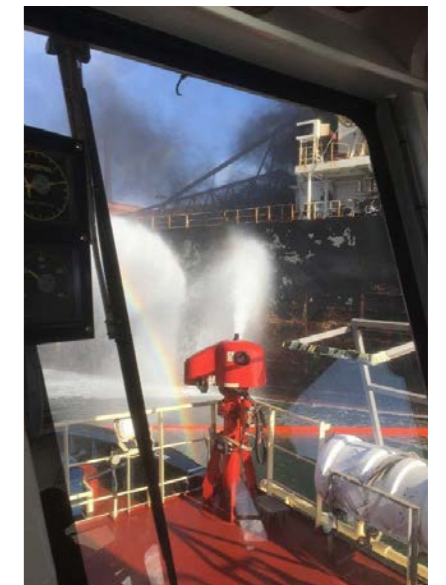
By the time the emergency was declared over, three Svitzer tug boats and numerous crew had rotationally provided boundary cooling, standby duties and met operational requirements for the entire period.

"People came from Eden and Sydney to help with the effort," said the *Barunga* Tug Master. "We were very well supported by our shore side staff."

Svitzer's emergency response work includes assisting vessels that have lost power, propulsion, steering, or are incapable of operating under their own power in all types of weather and conditions.

This work can be dangerous at times, which is why the crews are prepared, constantly trained and aided with technology in order to respond.

"Everyone who works on the tugs knows they can be called on to respond to emergencies, and that includes fires," said a crew member. "We're very focused on the training, because we never know when we'll need it"





LEDA MAERSK VISITS SYDNEY HARBOUR WITH HELP FROM HER FRIENDS

To celebrate the Maersk brand's 25th anniversary in Australia, *Leda Maersk* did a round in Sydney Harbour in September. *Leda Maersk* is pictured here with *Svitzer Warrawee*.

SVITZER PNG KICKS GOALS



Svitzer PNG just sponsored the Swinburn Football Club women's team in Port Moresby. The team had made the Grand Final of the Gerehu Football Association competition.

Captain **Rachael Friday** from TNT approached Svitzer for sponsoring her team. The game was played on 22 September 2018 and ended in a hard fought goalless draw.

Unfortunately, the Swans lost in the penalty shootout 3-2 to end runners-up in the league.

The team is pictured with **Raymond Yemiwafi** (Svitzer PNG Vessel Manager) there to carry the water and oranges.

SERVICE ANNIVERSARIES AND NEW STARTERS

Congratulations to everyone who has reached a service milestone in 2018. Thank you for your ongoing commitment and significant contribution to Svitzer Australia.



DANNY PRICE
GREG PRIMROSE

NEWCASTLE
PORT KEMBLA



Bradley Barringer
Martina Beissel
John Bogolin
Adrian Cox
Chris Gafa
Steve Heffernan
Peter May
Douglas Mcguire
Greg Morison
Rodney Neale
Liam O'Neill
Bill Reid
Bill Richardson
Nigel Wade
Murray Wilding

Newcastle
Fremantle
Port Kembla
Victorian Ports
Balmain
Eden
Fremantle
Bowen
Sydney
Whyalla
Victorian Ports
Brisbane
Port Kembla
Albany
Geraldton



Latif Ali
Arrin Barker
Peter Bennett
Darryl Bolger
Geoffrey Browne
David Buder
Harry Cahalan
Darren Clark
Scott Cheyne
Robert Conn
Michael Cordell
Dave Debnam
Jeremy Delmadoros
Andrew Duncan
Brian Greaves
Jeffrey Hircock

Port Kembla
Fremantle
Fremantle
Cairns
Darwin
Adelaide
Mourilyan
Eden
Whyalla
Victorian Ports
Eden
Victorian Ports
Newcastle
Whyalla
Darwin
Port Kembla
Brisbane
Brisbane
Brisbane
Newcastle

Peter Kenny
Adam King
James Lange
Bill Maxwell
Brian Mclean
Michael Mendoza
Michael Mutch
Darryn Nelson
Mathew O'Brien
Glenn Pavey
Glen Paynter
David Pears
Kane Richardson
Matthew Ruthven
Ben Smith

Whyalla
Brisbane
Whyalla
Fremantle
Kwinana
Newcastle
Eden
Victorian Ports
Port Kembla
Newcastle
Whyalla
Darwin
Port Kembla
Brisbane
Newcastle



NEW STARTERS FROM JULY 2018

- | | |
|--------------------|---------------------|
| Thomas Abraham | Michael Jagermann |
| Harrison Baker | Sean Jewiss |
| Stephen Baker | Charles Jones |
| Gabrielle Barker | Kevari Kakaru |
| Brian Bell | Carol Lim |
| Nathan Burnett | Fergus Mclean |
| Reymundo Canado | Michael Milton |
| Lorraine Carey | Taylor Moss |
| Richard Carter | Hayden Moxey |
| Fiona Cheminant | Silas Newlyn |
| Katie Davis | Warren Newton |
| Murray Dean | Jake Niemann |
| Mark Douglas | Nicolaj Noes |
| Mitchell Ellis | Jack O'Brien |
| Gregory Farmer | Mark Peel |
| Elizabeth Ferrier | Viren Pereira |
| Massimo Fossati | Natalie Pupkovski |
| Michael Fulton | Jacaro (Joe) Raduva |
| Joseph Galvin | Maria Ramirez |
| Justin Golding | Timothy Ryan |
| Bill Guman | Damian Speed |
| Todd Halliday | Dean Stefanek |
| David Hammond | Mark Thomas |
| Geoffrey Handicott | Leah Tuckwell |
| Gabrielle Hickson | Raphael Vagi |
| Clayton Higgins | Robin Vetch |
| Peter Hill | Dion Whittle |
| Rob Hoefhamer | Christopher Wiggins |
| Bonnie Hyland | Bradley Wills |
| Elsie Ingel | Stephen Woolway |
| Gregory Jackson | |

TAKE YOUR BEST SHOT WINNERS ANNOUNCED

Thank you to everyone who participated and shared their photos. This year's selection was truly impressive!

With participation from each region, it was a fantastic collaborative effort to show how we work as **#onesvitzer** across the globe. A total of 487 votes were counted and you can view the official winning photographs at OneSvitzer.

We are looking forward to bringing in 2019 with calendars that highlight the talented photography skills of our Svitzer people!

Congratulations to our winners from Australia, who have captured our work so beautifully!

PHOTOS TOP TO BOTTOM

Ben Oakley from SA – Wonga at Port Pirie

Cheryl Davis from WA – Svitzer Newton the South Mole Lighthouse

Warren Angland – Svitzer Glenrock at the Gulf of Tonkin

COVER *Svitzer Glenrock's* naming mother
Emma Fensom



SHARING

Do you have a story to share?
Email us at aucomms@svitzer.com



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