



**MINUTES OF THE EIGHTEENTH COMBINED
ANNUAL GENERAL MEETING AND COUNCIL MEETINGS**

Held on Thursday April 14, 2011 at 2:00pm
at the Melbourne Water Offices, 100 Wellington Parade, East Melbourne, Victoria

ATTENDING:

Trevor Gosatti	-	Chairman of ASTT and West Australian Council Representative
Chris Frangos	-	Victorian Council Representative
Jeff Pace	-	Secretary / Treasurer

Also attending was: Chris Bland, Nabil Issa, Kate Pemberton and Stewart Brown

1. Open Meeting.

Trevor Gosatti, Chairman of the ASTT opened the meeting and welcomed the Councillors and members and thanked them for attending.
The agenda was reviewed, and those attending were provided with the opportunity to advise of any items to be included in General Business.

2. Apologies.

An apology was received from Kane Scott, SA Council Representative, Andy Krumins the Queensland Council Representative and Steve Apeldoorn the New Zealand Council Representative.

3. Minutes of the previous meeting.

The minutes of the previous meeting held in Brisbane dated March 8, 2010 were accepted as a true and correct record.
Moved: Trevor Gosatti and seconded by Chris Frangos.

4. Chairman's Report - By Trevor Gosatti

International Report

The ISTT continues to grow and get stronger and 2010 was a year of strong year for the ISTT. I refer to Jeff's report as ISTT representative to provide more detailed updates in his report but I summarise some highlights for the year.

- The ISTT has now grown to 26 Societies with Singapore and Turkey now introduced.
- Dr Dec Downey has passed the Chairmanship on to Dr Sam Ariaratnam and VC to Derek Choi from HK.
- Successful Singapore conference in Nov 2010.
- Acknowledge the excellent work that Chris Bland and his team had put together in what is recognised as an excellent international publication.
- International Awards

I would also like to recognise Jeff Pace's appointment to the Executive of the ISTT for the next 3 years.

No-Dig Conferences and Events

- Singapore No-Dig 2010: Took place 8-10 November, 2010 at Singapore. Very successful event.
- Berlin No-Dig 2011: Takes place on 2-5 May 2011 in conjunction with WASSER-BERLIN. The GSTT to pay ISTT a fixed fee for helping stage the event.
- Sao-Paulo No-Dig 2012: The Brazil Society of Trenchless Technology will host the 2012 No-Dig in Sao-Paulo, Brazil.
- The ASTT was successful in its bid for the 2013 No Dig International to be held in Sydney. This is a great coup for the ASTT and we look forward to this event and planning for it.

Australasian Report

Major items for the year.

- A very successful Trenchless No Dig "Live" was held in Coffs Harbour during late October 2010. Given this was the first time this type of event was tried, it was a great success. Recognition of this fantastic showpiece of the trenchless technology industry must go to the following:
 - Chris Bland and his team at Great Southern Press who promoted and organised the event,
 - The sponsors, presenters and exhibitors that supported the event.
 - Winners of the ASTT Awards announced at the Dinner.

Discussion regarding the future direction of such an event will be further considered.

- The ASTT, after an absence of 5 years, supported a Trenchless Technology stream as part of the NZ Water Conference in Christchurch, New Zealand in October 2010. The stream was very successful and one of the most attended. The ASTT would like to support such a stream every 2 years as part of this Conference in an ongoing basis.
- The No-Dig Down Under 2011 will be held in Brisbane from 3-6 October 2011 at the Brisbane Exhibition and Convention Centre and all trenchless stakeholders should take the opportunity to attend this conferences and the attached social events. We should all be now thinking about our exhibition spot or conference delegate spot for this event as it will be upon us soon.
- The ASTT together with Great Southern Press made an extensive bid to the ISTT for the 2013 International No Dig, to be held in Sydney. The bid was successful notwithstanding a very strong bid by China. This event will be held in conjunction with the Australasian No Dig Conference and Exhibition and should make it one of the largest ever.

- The ASTT announced a partnership agreement with Great Southern Press with respect to the promotion and management of agreed trenchless technology industry events for the next five years and further ongoing. This partnership supports the publishing arrangements in place with GSP and the ASTT.
- A new updated website was commissioned for the ASTT.

Training and Education

Training continues to be a major item of interest for the trenchless technology industry going forward. In 2010:

- The NUCA-TAG initiative in collaboration with the NASTT's continued to be available.
- Seminars were held in major cities for trenchless technology education.
- Continuous improvement of the trenchless technology elements of the Civil Construction and Drilling Training Packages continues to happen.
 - CCTV has been brought into the Training Packages as an import from the Water Workers Industry. Promotion of the formal training of these units may be done at No Dig Live and other wise.
 - Vacuum extraction to have competencies drawn up and included in the Training Packages.
- Procurement policy to support the requirement of qualified trenchless operators has started to be introduced by asset owners and will encourage the take up of trenchless qualifications.

West Australian Report

As reflected in last year's report, activity in the Western Australian civil construction industry continued to be slower than anticipated and this was reflected also for the trenchless technology sector.

The Water Corporation of W.A continued its reduced programs which affected works that allow for trenchless technology. The Infill Sewerage program continued at a reduced program but some micro-tunnelling lines were still being completed as part of the works. The Corporation continued a reduced sewer rehabilitation program for a panel of relining contractors and re-advertised for a new panel of contractors at the end of 2010 with a view to 2011 onwards. Several micro-tunnelling jobs were completed as part of the PPS (Pipelines and Pump Stations) Alliance that incorporated a number of contractors. These installed sintakote MSCL pipes in various locations.

The City of Kalgoorlie-Boulder announced contracts (over \$3m) to rehabilitate its sewer pipe systems and is promoting the use of trenchless methods to do so. These have commenced.

The use of CIPP to rehabilitate pipes in several of Perth's councils who are rehabilitating drainage pipes was reduced due to budget cut backs.

It was pleasing to see RePipe using its pipe-bursting Tric tool system to complete several high profile projects in WA.

The use of directional drilling for the installation of underground power and communications continues and many contracts were completed although this still remains a very competitive market with many smaller contractors. A notable contract was the communications line from Perth to Geraldton with much of it completed by ploughing but over 7 kilometres was completed using horizontal directional drilling (HDD). This area is expected to increase with the NBN exploring projects in WA.

HDD contracts were also awarded for projects to do with the oil and gas sector. Contracts for drilling on Gorgon Island and associated works are being completed. The sector looks forward to more of this going forward.

It is pleasing that asset owners (such as the Water Corporation and Main Roads) in WA have instigated the staged requirement to have trained and qualified staff in the trenchless sector within their procurement contracts. This will ensure traineeships in both the Civil Construction and the Drilling sector AQF Training Packages will be taken up for the future.

Whilst 2010 was still a difficult period for the civil construction sector generally, including trenchless, the prospects do look brighter for 2011.

5. Secretary/Treasurer's Report - By Jeff Pace

5.1 International Update

The ISTT chairmanship has now changed from Dr Dec Downey to Dr Sam Ariaratnam'. The ISTT Vice Chairman is now Derek Choi from the Hong Kong Society.

No-Dig Conferences and Events

Singapore No-Dig 2010 that was run over 8-10 November, 2010 at the Suntec Exhibition Centre turned out financially to be one of the most profitable events for the ISTT ever. They are expecting a return of between £65000 and £90000. There was over 1400 participants at the conference and exhibition with over 100 exhibitors and 50 technical papers presented from authors from over 20 countries.

It was extremely pleasing to see the joint submission from Interflow and Sekisui Rib Loc that was successful in winning the prestigious International NO-DIG Award for the category of Trenchless Project of the Year, they won this for their Rehabilitation of the North Georges River Submain.

The ASTT put forward a very comprehensive bid to host the 2013 International No-Dig in Sydney at the ISTT Board meeting held in conjunction with the recently held Singapore International No-Dig. The ASTT after some stiff competition from the Chinese was successful in winning the right to host the 31st International No-Dig in Sydney in 2013.

I would like to acknowledge the work that Chris Bland and his team and Business Events Sydney for the work they did on the preparation of the bid documentation which was first class and for which I am sure assisted enormously in the ISTT Board making their final decision.

The event will be held at Sydney's Exhibition Centre located at Darling Harbour and will run over September 1 – 4, 2013.

Great Southern Press who are now our dedicated Conference Managers will be managing this on our behalf.

Next month will see the running of the 29th International No-Dig in conjunction with Wasser Berlin in Berlin over May 2 – 5, 2011.

The 30th International No-Dig will be held in Sao-Paulo, Brazil over 12 – 14 November 2012. The ABRATT, Argentine Brazil Association for Trenchless Technology will be the host for this event.

The ASTT in conjunction with Water New Zealand was involved in their Conference and Exhibition that was held in Christchurch last September. The trenchless stream of the conference were extremely well patronised by delegates keen to learn more about the trenchless experiences in Australia and New Zealand. In most cases there was standing room only at these sessions.

During the event, meetings were held with the CEO, Mr Murray Gibb of Water New Zealand to consider options for the ASTT to resurrect our involvement with them on a biannual basis. I am pleased to advise that Murray Gibb by e-mail dated 30 March 2011 has confirmed that he would like an ASTT involvement at the 2012 National Conference and Exhibition..

National Update

The ASTT held its first NO-DIG Live event at Coffs harbour over from October 17-20, 2010. This inaugural event was a resounding success with some 700 exhibitors, visitors and delegates attending over the 3 days. I would like to thank all those that displayed equipment, had a booth, were involved on the panel discussions and were part of Great Southern Press’s organising team. The program and the weather delivered precisely what it set out to do. It is likely that this style of event will now be held biannually also, however this will be determined later on in this meeting

5.2 Financial Report

Jeff Pace referred to the Audit Report that was tabled outlining the financial status of the Society.

In 2010 the Society accounts reflect a nett profit of \$83,050.75 compared to the loss in 2009 of \$39,667. This turnaround was mainly due to the profits from our 2009 Melbourne Conference. The Melbourne Conference and Exhibition profit was \$43,915.14. The other more constant incomes were generated from our membership subscriptions which were around \$55,000 and a further \$44,288 from the magazines and directory.

The income generated from the Trenchless Australasia magazines and Australasian Trenchless Directory was once again extremely positive.

The 2010 Audit Reports was accepted as tabled.
 Moved: Chris Frangos and seconded by Nabil Issa.

Membership fees for New Zealand have not increased since January 2005 where that rose from NZ \$170 to NZ\$180 for Individual and NZ\$640 to NZ\$680 for Corporate. The Australian dollar has continued to grow in strength against the NZ\$. I have been keeping a close watch on this as the original exchange rate being used to relate the New Zealand fees back to the Australian membership is a rate of around 1.10, this rate is now around 1.35. What this means is that the ASTT is losing approx AUD\$10.00 on Individual members and AUD\$55.00 for Corporate Members. I propose to amend the Individual and Corporate Membership rates as per the table under commencing form July 1 as existing rates are listed within the Trenchless Australia magazine and cannot be amended until the next issue is released around July this year.

CURRENT RATES

Membership Type	Jan 1 – Dec 31	Apr 1 – Dec 31	Jul 1 – Dec 31	Oct 1 – Dec 31
Corporate NZ	680	530	380	220
Individual NZ	180	140	100	60

PROPOSED RATES

Membership Type	Jan 1 – Dec 31	Apr 1 – Dec 31	Jul 1 – Dec 31	Oct 1 – Dec 31
Corporate NZ	710	570	410	240
Individual NZ	190	150	105	65

Jeff added that Steve Apeldoorn was made aware of these proposed amendments prior to this meeting and advised that he had no objection from the New Zealand Councillor.

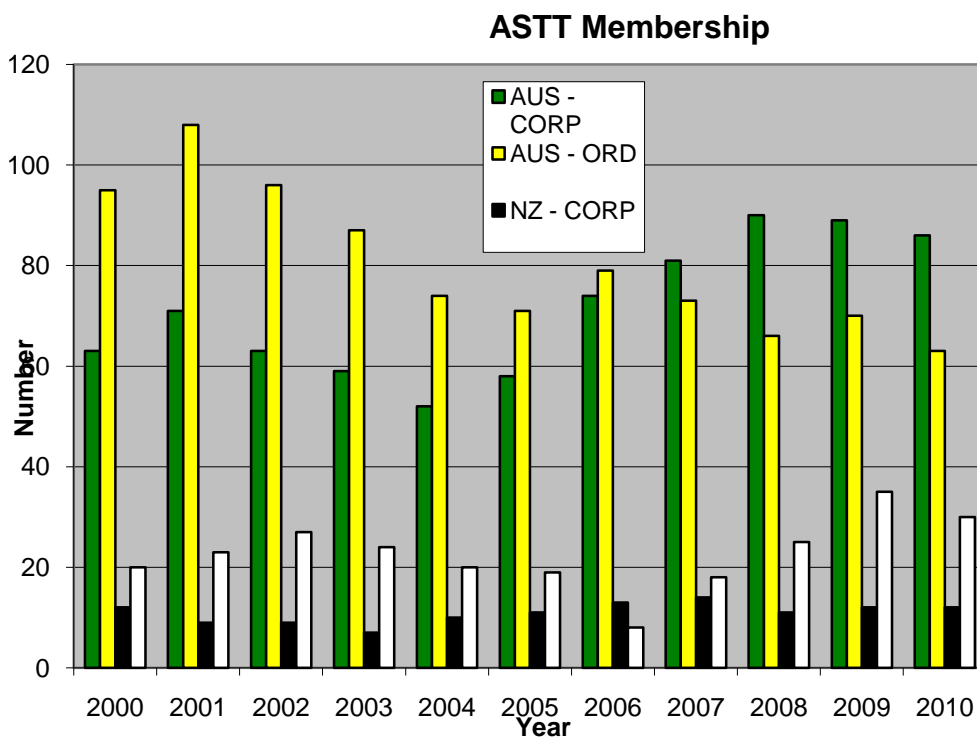
Jeff Pace therefore moved a motion that the fees structure for New Zealand members be amended as per the table above with effect from July 1, 2011.

Moved: Jeff Pace and seconded by Stewart Brown.

5.3 Membership

At the end of 2010, membership numbers totalled (Corporate and Individual) 206 which comprised 159 from Australia and 47 from New Zealand. Despite the economic slowdown, it is interesting to note that some members are upgrading from Individual to Corporate status especially in Australia.

The table under reflects membership numbers over the last 10 years.



April 2011 Comment

There are still a number of members that have not renewed their membership with the ASTT. Reminder Notices were sent out in early February with follow up e-mail reminders in March. As in the past, it is worth noting that the society spends an enormous amount of time and effort in chasing up members that un-financial.

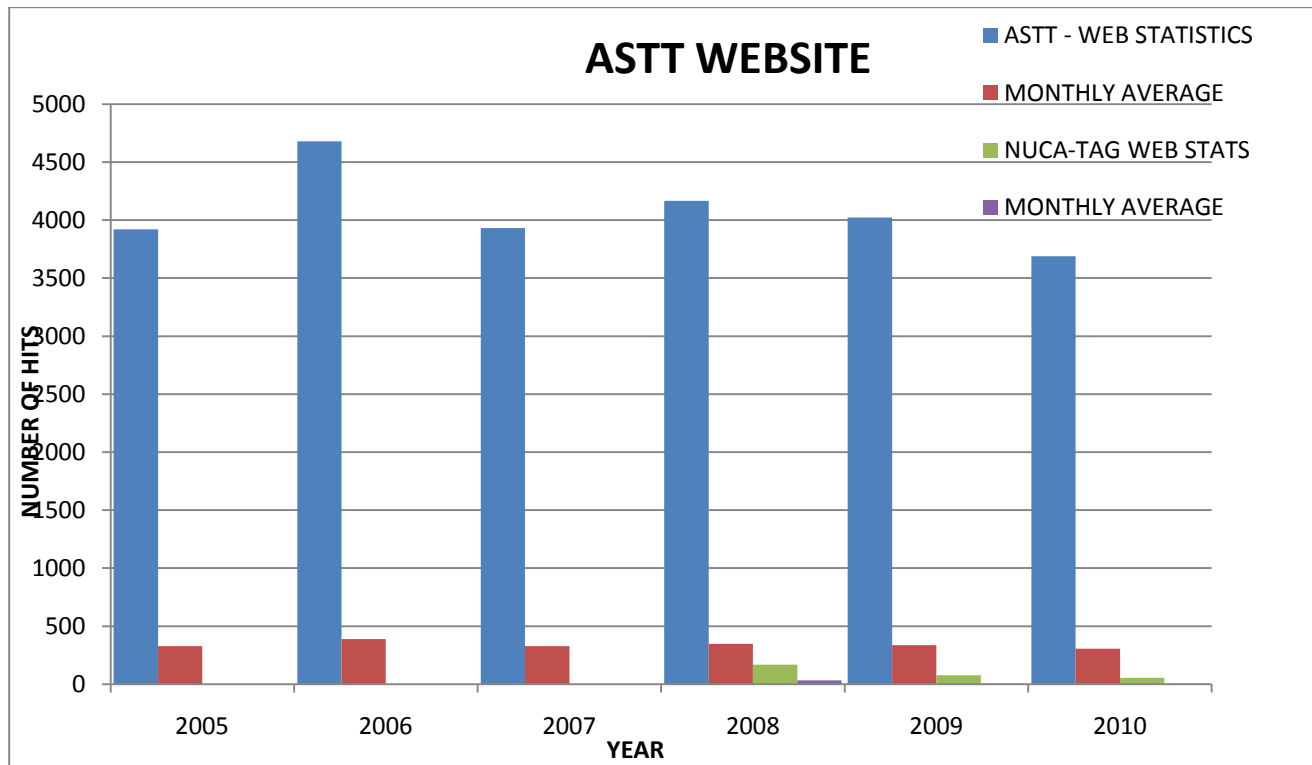
Members probably do not realise that payment of the Affiliation Fee to ISTT is directly related to the number of members (financial or otherwise) that the Society has on its books as at March 1 of each year. Therefore the Society carries the risk of paying for members that may end up cancelling their membership after March 1.

Members are also reminded that if they shift addresses, to forward their new address and contact details to me. This also applies to e-mail addresses. This info will then immediately be passed onto the ISTT.

5.4 Internet

The ASTT's homepage has now been completely updated to reflect a more interactive and modern look. I am now able to get reports on where the traffic has come from, ie England, Poland etc and how many from each. I can also see how long each visit has been for.

For 2010 we averaged 307 hits per month compared to 335 hits per month in 2009. With the introduction of access to NUCA-TAG in August 2008, I am disappointed with the reduction in the number of hits as these dropped from 76 in 2009 to 55 in 2010. This is something I will continue to monitor.



5.5 Member Directory

All members are requested to visit the Member Directory area of the new ASTT website and confirm that the information stated is still accurate. This link can be found by going to Membership icon.

5.6 Trenchless Australasia

In September 2004, the Trenchless Australasia magazine was introduced to our members. By the end of 2010, Great Southern Press has produced 25 magazines and 4 Trenchless Directories, all of which have been very well received by industry. This arrangement continues to be a success story for the ASTT and I am confident that it will continue to realise a benefit to all involved in the trenchless industry.

5.7 Events Agreement with Great Southern Press

In July 2006, Great Southern Press put forward their first proposal to be our Professional Conference Organiser (PCO). I am pleased to advise all that we have now secured an Agreement with GSP for them to be our Events Manager. Refer also to item 7 Utilisation of Great Southern Press.

6. Councillor's Reports

6.1 Western Australia - By Trevor Gosatti

Refer to item 4

6.2 New South Wales - By Peter Brown

No report received.

6.3 South Australia - By Kane Scott

As requested, please find below an update on Trenchless Technology within SA during 2009/10 from South Australian ASTT members.

Bore-Tech (SA) Pty Ltd - No information provided.

Leed Engineering - No information provided

McConnell Dowell Abigroup ADP JV - No information provided

Trenchless Pipelaying Contractors - No information provided

Unimin Australia Ltd - No information provided

Rib Loc Australia Pty. Ltd –

- Major growth overseas including Europe and United States.
- On-going successes in Asia including Singapore, Malaysia, India and China using Expanda, Ribline and Ribsteel.
- Continued success in Australia with Interflow Pty. Ltd. SEKISUI and Rib Loc jointly won the Project of the Year award for the 2.4 metre diameter Ribline installation on the North Georges River project
- Shaun Melville was appointed as the Global Product Manager for Spiral Wound technology.
- Ongoing technology developments will see further improvements and advances in all of our spiral wound technologies. This makes us one of the few companies in the world that has continued R&D in pipe rehabilitation technologies.
- Interflow became a licensee for the SPR technology which will enable them to provide rehabilitation solutions for large non-circular pipes in addition to their current capabilities

SA Water

Sewer

SA Water owns and manages over 8,000km of sewer mains throughout SA with sizes up to 2600mm and some dating back to the 1880's. Trenchless Technology is a vital component on the ongoing management strategy in relation to the following issues.

- A new CCTV program has been awarded to Rangedale that utilises IBAK pan and tilt camera to survey 150km over 2 years. The digital video recordings are classified in accordance with WSA-05 Conduit Inspection Reporting Code.
- As a result of the CCTV program, relining of approx 8km of wastewater mains, primarily reinforced concrete gravity mains ranging in size from 150 to 600mm diameter was undertaken in 2009/2010. The majority of these mains were rehabilitated using spiral wound liners, while CIPP was used to rehabilitate several oviform sewers while pipe bursting was used to replace one section of VC main structurally damaged by tree root intrusion
- As part of sewer extensions in the Adelaide Hills and sewer main relays, directional drilling has been used for both sewer pumping and gravity sewers using locally based contractors. Pipe diameters are at the smaller end of the PE range and generally less than 100m in length.

- Trenchless technologies have also been used for sewer and gravity main crossings of major roadways, railways and creek crossings.

Water

SA Water owns and manages over 26,000 km of water mains throughout SA with sizes up to 1375mm and some dating back to the 1880s. Trenchless Technology is a vital component on the ongoing management strategy in relation to the following issues:

The application of Trenchless Technology within the last year includes

- Various minor HDD and directional boring works on various projects for road crossings, railway crossings, creek crossings or to minimise social and environmental impacts that would otherwise result with open cut excavations. These water main extensions vary from 20-30m to several hundred metres in pipe diameters ranging from 63 PE up to 450 PE.
- The Adelaide Desalination plant intake and outfall pipelines were completed using 2 x 150t tunnel boring machines to install the 1.5km intake and 1km outlet tunnels
- A project to swage line approximately 4,800m of 600mm diameter mild steel concrete lined in situ (MSCS) water main commenced construction in 2010. The existing 600 MSCS water main is located along one of Adelaide's busiest roads and is due for completion in early 2011.

Recycled Water

SA Water owns and manages over 100 km of recycled water mains throughout SA with sizes up to 750mm and some dating back to the 1970s. Trenchless Technology is a vital component on the ongoing management strategy in relation to the following issues

- The Glenelg to Adelaide Parklands (GAP) project is to provide more than 3.8 billion litres of high quality recycled water annually to irrigate the Adelaide Park Lands through a 32km pipeline network. It will be piped underground from Glenelg to the Adelaide Park Lands and CBD reducing Adelaide's dependence on other water sources, including the River Murray. A combination of 17 HDD, microtunnelling, pipe jacking and auger boring were used for major road crossings, railway line crossings and other areas where conventional open cut techniques would have presented significant construction problems. Directional drilling was also used to connect a DN225 PE100 PN12.5 recycled water main to SA Water's building in the central CBD.

6.4 Tasmania – No Report

6.5 Victoria – By Chris Frangos

Overview

Trenchless Technology in Victoria continued to steadily grow throughout 2010. The focus on water shortages and leakage reduction has continued, however with the breaking drought and various natural disasters the focus has changed to drainage waste water.

The large scale infrastructure projects commenced a number of years ago now, such as the Desalination Plant, Melbourne Main Sewer Replacement and Northern Sewerage Project are all in progress and expected to be complete shortly.

It is expected that investment in infrastructure will continue in the foreseeable future given the Victorian Government's predictions for growth;

Victoria's population is projected to reach 6,600,000 people by 2051. That is an increase of 1.5 million people (or 30%) from its current population of 5,128,000.

Melbourne, Victoria's capital city is the most populated area within the state with a current population of 3,744,000.

Victoria occupies only 3% of Australia's total landmass, yet accounts for 25% of the nation's economy.

Given the expected population growth, existing infrastructure will be placed under greater pressure requiring increased expenditure by asset owners to ensure service targets are met.

It is expected that growth in trenchless solutions will be a necessary part of any investment programs to ensure disruption is minimized.

Membership

Membership in Victoria has remained constant and the level of membership has not altered significantly.

No membership enquiries have been received throughout the year.

A few requests for information or assistance were received from the membership / industry and requests are generally limited to directional drilling, specifications and standards.

Promotion of Trenchless Technology

The No Dig Live event in Coffs Harbour raised the industry profile in late 2010. A number of Victorian attendees from this event have contacted me over the last six months with various queries.

Additional promotion activities have been limited to the Tunneling seminar and networking opportunity in progress concurrently with the ASTT AGM, organized by Great Southern Press.

It is not planned to undertake any member specific events prior to the No Dig down under conference to be held in Brisbane in October.

Water Industry Overview

Renewal Projects

Sewer rehabilitation across Victoria continues to be predominantly via trenchless methods.

Water Authorities in Victoria have increased expenditure during 2010 / 11 and are spending in excess of \$60 million per annum on trenchless sewer rehabilitation mainly in the diameter range 150mm to 900mm.

Water main renewals using the semi trenchless method of pipe bursting have grown throughout 2010 and this technique is becoming the routine renewal method rather than the exception. In metropolitan Melbourne between 80% and 90% of water main renewals are undertaken in this way especially in reticulation diameters (100mm-225mm).

In regional Victoria there are more and more authorities looking at term contracts inclusive of pipe bursting as a routine renewal method.

More and more regional authorities are investigating trenchless and semi trenchless options. It is expected that growth in trenchless methods will continue.

A number of recent tenders have been advertised for larger diameter water main renewal projects in inner city areas and it is expected that construction will be via a number of techniques ranging from microtunnelling, directional drilling, close fit lining and sliplining. More and more projects using these techniques are emerging due to the costs of reinstating other infrastructure and private property associated with open cut techniques.

New Infrastructure

New high profile projects in the rail and road sectors are planned that will continue to see the commencement of new tunnelling projects.

Smaller scale trenchless projects are also expected as part of the current program of infrastructure investment.

The trend towards joint ventures and alliances to enable the delivery of large capital programs is expected to continue.

Challenges for 2011

In the lead up to the National conference in Brisbane this year, it is important to remind people of the benefits of attending to ensure a strong participation from Victorian members and practitioners.

6.6 Queensland – by Andy Krumins

Since the Trenchless Live 2010 at Coffs Harbour, it appears that Queensland has descended into the pits of despair with respect to natural occurrences that have today, the 10th March, seventy of seventy three local government areas disaster declared.

Outcomes for the utilities industries have been resurrection of destroyed and damaged infrastructure and delays in capital and recurrent projects.

However, new flood levels and old pipelines now washed away, will see activities in trenchless increase to ensure resilience of infrastructure to similar and greater flood impacts.

Creek and river crossings are destined to go well underground and the debate about electricity continues.

Brisbane is preparing for the “2011 No Dig Down Under” and has proposed a key note speaker on the flood from an engineering – infrastructure point of view.

Flood proofing is high on the governments and utilities agenda and ASTT can develop this theme with suitable technical papers/speakers as a lot of our pipelines survived and delivered essential services.

Unfortunately at the time of writing this I cannot attend the AGM but have not give up hope

6.7 New Zealand - By Steve Apeldoorn

2010, particularly the last half, has been a challenging economic time for the Trenchless Industry. At the same time we have we have also seen an expansion in the application of trenchless technology, in terms of pushing the boundaries of what has been able to be done, and the introduction of new technology and materials, and the awareness of trenchless technology applications.

There have been a number of factors that have had an impact on New Zealand, not only affecting our industry, but the wider civil & construction industries and the region's economy in general. These broadly are:

- On-going effects of the recession (which officially ended October 2009)
- Canterbury earthquake, September 2010 (and subsequently 22 February 2011)
- The amalgamation of the 7 Auckland Region Local Authorities, into a single "Supercity" on 1 November 2010.

The effects of the recent recession have largely affected the "green fields" work, as the invested money for development had all but disappeared. Recently there are signs of the horizon of some recovery in this area, with commercial developments starting to occur again.

The overall affect has seen some smaller drilling companies, in particular, exist the industry, and other trenchless contractors to make "efficiencies" where possible, to weather the current conditions.

The Fibre to the Door, broadband roll out, has taken longer to get off the ground than perhaps has been expected, however major contracts are now beginning to be awarded to utility companies, in regions throughout New Zealand, and drilling companies are now starting to see some good sized work in the near future.

Although the effect of the earthquake is having a short term negative impact on the economy, and the reallocation of budgets, it is expected that in the long term, there will be benefits to the construction industry as the region rebuilds. It is fair to say that a number of trenchless contractors are hoping some of those benefits will make themselves available.

The creation of the new Auckland Council through the amalgamation of the councils in the Auckland region, and the creation of new Council Controlled Companies (CCO's), for the delivery of services, has had disrupting effect on Auckland. In general the disruption is a result of:

- Change of council staff involved in on-going projects and responsibilities
- New entities having to re-develop procurement processes and revise delegated authorities
- A general aim to reduce costs/budgets, and subsequent re-evaluation of planned project justifications.

Auckland to date, as the largest region, (1.3 million residents out of the total NZ population of 4.3 million), has generated most of the water & wastewater utilities projects. Subsequent to the amalgamation, the focus for many trenchless technology contractors and consultants has begun to look outside of the region for future work, at least for the short term.

Despite the difficult environment there have been a number of positive achievements and initiatives that have taken place in New Zealand, some of these include:

- New Zealand Trenchless Technology Forums: We have continued and expanded the NZ Trenchless Technology Forums – The Forums are half day events open to members of the ASTT and others who have involvement or interest in the trenchless industry. There are three Forums each year; March, July and November. At each forum we have at least four industry speakers presenting trenchless project case studies, discussing a new technology or other topical/technical issues related to the trenchless industry. Delegates are representative across the industry from local government, Contractors and Consultants. The Forums each start with a networking breakfast and wrap up at midday. Typically we have 40 – 75 participants at these events. I believe that the Forums have been very successful because they have increased the awareness of trenchless issues, introduced new technology and provided a place for people in the industry to regularly get together.

- A dedicated “ASTT Trenchless Technology Stream” at the WaterNZ Conference: An ASTT technical paper stream was hosted at the WaterNZ (formally the NZWWA) Conference in Christchurch 22nd to 24th September 2010. The technical paper stream was a very well attended stream, (at least 50 delegates per paper), comparable with the other existing streams at the conference, and WaterNZ have committed to continue to incorporate this stream bi-annually at the request of the ASTT.
- Continuing involvement in Qualification Development: The ASTT has maintained an on-going representative role with Infracore, (Infrastructure Industry Training Organisation), promoting the HDD qualification framework. The ASTT has endorsed the HDD qualification and the ASTT logo appears on the training work book. The ASTT is also playing a role as a member on Industry Advisory Groups (IAG), reviewing the Water Reticulation and Infrastructure Pipe laying qualifications.
- Trenchless Technology used in the earthquake recovery: Following the Earthquake in Canterbury on the 4th of September, Trenchless Technology played a significant role in the speed of the emergency recovery and the affordability of the repairs to the Waimakariri District Council wastewater network. 113 CIPP patches were installed in the network to return the wastewater services to the occupied properties in the Town of Kaiapoi, and surrounds, within six weeks of the Earthquake. The sewers in Kaiapoi and the other nearby affected towns are typically deep, in silty sand, with a high ground water table. The cost of open excavation repairs is very expensive and rather slow. The use of trenchless technology provided a faster and cheaper option of emergency repair. Now that the network is up and running, tenders are now out for the rehabilitation of the first lines using trenchless technology as part of the long term recovery effort. Although, Waimakariri District has made good use of trenchless technology, Christchurch is yet to follow in the same foot steps.
- Rosedale Tunnel and Outfall: A \$116 million development, was North Shore’s largest-ever capital works project, that replaces a pipeline built in 1962 which carried treated effluent from the Rosedale Treatment Plant to a discharge point 600m offshore from Castor Bay. The new tunnel and outfall now carries the treated effluent from the treatment plant to Mairangi Bay along a 3km underground tunnel, and then it is pushed a further 2.1km offshore through the new outfall pipeline, where it is dispersed deep in the Rangitoto Channel.
- New Technology/Materials: 2010 had seen the introduction of new technology and materials into the New Zealand market place enabling projects to be undertaken that conventionally would have been difficult to undertake. New technology/materials that have been introduced are:
Fusible PVC – The introduction of fusible PVC enabled the completion of the longest and largest directional drill shot in New Zealand; 1050m long by 550mm diameter gravity sewer, completed by Pipeworks Rehabilitation Solutions Ltd.
Rock Drills – JB Contractors and Drilltech Ltd both introduced directional drills capable of drilling through solid Basalt.
Pressure Liners – Two lining companies (Pipeworks Rehabilitation Solutions Ltd & Advanced Pipelines Services Ltd) have introduced cured-in-place liners for the rehabilitation of pressure pipelines (water & wastewater)

Although the current environment of the industry is difficult, the overall long term outlook for trenchless technology in New Zealand is expected to be better. There are opportunities for organisations to offer innovative solutions to significant infrastructure problems that could place trenchless technology very much in ‘spotlight’. For many, it is a case of prevailing until the opportunities can be taken seized upon. In particular, I believe that opportunities will present themselves in providing solutions for the recovery of Canterbury and the rehabilitation of pressure pipes and the roll out of the new ducting for broadband fibre cable.

7. Utilisation fo Great Southern Press

7.1 Magazine

In September 2004, the Trenchless Australasia magazine was introduced to our members. By the end of 2010, Great Southern Press has produced 25 magazines and 4 Trenchless Directories. The current circulation of the magazine is now around 3000 copies.

7.2 Trenchless Love 2010 and 2012 Proposal

The ASTT's return on Trenchless Live was \$25596.20,

The ASTT event in 2012 will be building on the successful elements of Trenchless Live 2010; the live demonstrations and the outdoor setting.

In 2012 GSP is looking to broaden the appeal of the event beyond the trenchless industry. To achieve this options being considered are branding the event "Underground Live" and expanding the scope to include other associations and/or equipment.

This will allow GSP to market the event to a wider market/audience. This will involve other industries and make the event bigger and more viable and promote the ASTT more widely.

Progress of venue selection and date

The demonstration format of Trenchless Live was very popular in 2010. The feedback from attendees suggested a capital city location is preferred. GSP is in the process of sourcing an outdoor venue with excellent facilities, which allow the equipment demonstrations to take place, in a capital city. As 2011 is in Brisbane and 2013 will be held in Sydney, Melbourne has been selected as the location for 2012.

The shortlist includes:

- Royal Melbourne Showgrounds
- Pakenham Racing Club

Progress of Technical program

The feedback from Trenchless Live 2010 was positive in regards to the different style of technical program. This will be taken into account when planning for 2012.

Progress of sponsorship

Sponsorship options are in development, but will not open until the conclusion of No-Dig Down Under 2011.

Exhibition sales

Exhibition sales will open after No-Dig Down Under 2011.

Progress of delegate registration

Registrations will open in 2012.

7.3 2011 Conference and Exhibition

The 2011 National Conference and Exhibition will run over 3 - 6 October 2011 and it will be held at the Brisbane Conference and Exhibition Centre (BCEC)

Appointment of Program Chair

QLD Councillor Andy Krumins will be the Program Chair

Progress of Technical Program

The Call for Papers has been opened. Abstracts were due by 1 April.

The technical program will run over three days. The program will feature a mix of plenary sessions, technical and project papers as well as two Super Panels (rehabilitation and Installation) and an Asset Management Forum.

Keynote Speaker: NASTT founding member Tom Iseley has been confirmed as International Keynote speaker for the event.

Special guest: ISTT Chairman Dr Sam Ariaratnam will open the proceedings and has been invited to submit an abstract for the event.

Super Panels: One of the most successful innovations at Trenchless Live 2010 was the Trenchless Experts Super Panel. In 2011 the conference will feature two Super Panels of trenchless experts; Installation and Rehabilitation. The question bank is open:

www.nodigdownunder.com/program_questionbank.php

Asset Management Forum: Asset Management professionals have been invited to participate in the forum.

QUU General Manager Planning Paul Belz will present a session about the response and lessons learnt from the impact that the Queensland floods had on the water and wastewater systems in South East Queensland

Free Breakfast Keynote Session: There will be a free Keynote Presentation on Day Three in the Exhibition area on the NBN or other infrastructure project. Attendees will be treated to a free breakfast.

Trenchless Training Modules: Intensive training sessions will be offered to delegates on Day 3 and 4 of the event. Tom Iseley will deliver a half day training session on CIPP Structured Water Main Lining. Other trainers are yet to be confirmed.

Progress of sponsorship

- Platinum Sponsor – Interflow
- Gold Sponsor – Vermeer
- Silver Sponsors – Kembla Watertech and Insituform Pacific
- Bronze Sponsor – Bothar Boring
- Sponsor – Pipe and Civil

Exhibition sales

Exhibition booths are selling extremely well.

Already 47 companies have booked 76 spaces from the available 98 for the event.

Progress of delegate registration

Marketing has been sent to notify ASTT members and local government utility employees of the discounted rates in order for the event to be included in budgetary planning for the year ahead.

- Registrations opened on 1 April 2011
- Early Bird registration deadline 1 August 2011

Registration prices are as follows:

	Early bird	Full
ASTT Member rate	\$1100	\$1320
ASTT Member and local government or utility employee rate	\$990	\$1320
Non member rate	\$1320	\$1540
Non member local government or utility employee special	\$1100	\$1320

Student Scholarship Package

A special scholarship package has been developed to encourage professors/academics to attend the event and to bring their students along

Special Utility Package

As well as the discounted rates for utility employees GSP will also offer packages to encourage multiple people from one organisation to attend the event.

7.4 2013 International No-Dig Sydney

The Contract with the ISTT will be signed next month at the Berlin International No-Dig.

The venue has been booked at Darling Harbour.

The event will be run over September 1 – 4 2013.

Sponsorship and exhibition packages will be available at the end of 2011.

8. Election of Council

A call for nominations for election to council was posted to all members on February 28, 2011.

Mr Peter Brown, NSW Councillor tendered his resignation to me effective 28 February 2011.

There were 2 nominations received for NSW, these were from Mr Nabil Issa from Ausgrid and Mr Steve Kemp from Vermeer NSW. There were no other nominations received by the cut off date of March 31, 2011. As a result of receiving these nominations, it was necessary to call for an election.

All 53 NSW members were forwarded Ballot Papers via e-mail. Of the 53 Ballots that were sent out, 42% responded.

I am pleased to advise that the successful applicant for the role of NSW Councillor for 2011 is Mr Nabil Issa.

As there were no other nominations received by close of business on February 28, 2011 for the other States, the ASTT Council structure for 2011/2012 is as follows:

Western Australia Trevor Gosatti	Tasmania Vacant	Queensland Andy Krumins	New Zealand Steve Apeldoorn
New South Wales Nabil Issa	Victoria Chris Frangos	South Australia Kane Scott	Northern Territory Vacant

9. Election of Federal President.

One nomination has been received on 18 March 2011 and that was from Trevor Gosatti, the West Australian Councillor.

As there were no other nominations put forward, Trevor Gosatti was re-elected unopposed by Council.

9.1 ASTT Representative to ISTT Board.

The current nominated ASTT Representative to the ISTT Board for the past 12 months was Jeff Pace. Jeff is now a member of the ISTT Executive Sub Committee and will be till his 3 year term expires at the Sydney International No-Dig 2013.

Trevor Gosatti proposed that Jeff Pace remain as the ASTT/ISTT nominated representative..

Moved: Trevor Gosatti and seconded by Chris Frangos.

10. Appointment of Secretary Treasurer.

As there were no expressions of interest received from Councillors, Jeff Pace will continue to be the Society's Secretary Treasurer.

Moved: Trevor Gosatti and seconded by Chris Frangos.

11. Election of Vice President.

In accordance with the Constitution, a Vice President may be elected from Council if considered necessary. Andy Krumins was the previous Vice President.

As there were no other nominations from Council, Andy was re-elected unopposed.

12. Appointment of Auditor.

Mr Terry Machin, Accountant now involved with Kailis Consolidated Pty Ltd has continued to undertake the Society's Audits. I am pleased to advise that his work was both reasonably priced and he produced the report very quickly.

I therefore move a motion that Terry Machin, continue as the ASTT Auditor.

Moved: Jeff Pace and seconded by Chris Frangos.

13. Business Plan – Progress of Initiatives

Network Development

- Membership has remained fairly static.
- The ASTT participated with NZWater at their annual event in Christchurch last year.
- The ASTT has signed off on the Events Agreement with Great Southern Press.
- The new ASTT website has been up and running since November 2010.

Training and Education

- Work initiated with SkillsDMC on the development of training modules for Vacuum Excavation and the importing of the current CCTV Conduit Evaluation package to the civil stream of competencies.

Standard and Guidelines

- The ASTT is maintaining its weblink to the NUCA TAG trenchless evaluation system on our website.
- Ongoing monitoring of access to NUCA-TAG

Promotion

- 4 Trenchless Australasia magazines produced in 2010.
- Trenchless Directory produced in 2010.
- Trenchless live undertaken at Coffs Harbour
- A successful formal bid made to ISTT Board at Singapore for the rights to host the 2013 International No-Dig at Sydney.

The Business Plan for 2011 has been updated and published on the ASTT website.

14. Constitution Amendment

The last time there was an amendment to the ASTT Constitution was back in June 1994 where we included New Zealand in the Constitution.

Jeff Pace proposed that the ASTT constitution be amended in accordance with Clause 10(a) of the Constitution to reflect the provision for a new membership category titled Life Membership. Reference to this new Membership Category if approved will be added to existing clauses 6 of the ASTT Constitution.

Jeff explained that we need a special Life Membership category so that the ASTT can formerly recognise an individual that has demonstrated outstanding service to the ASTT.

For example, Jeff indicated that the former President, Mr Menno Henneveld would be such an individual that was worthy of this award as his contribution as inaugural Chairman was for an unquestionable 18 years of continuous service. No doubt there will be others who qualify as time advances.

The motion was put to the meeting that we accept the new Life Membership category and that we also accept Mr Menno Henneveld as our first Life Member. There was no objection to this motion.

Moved: Trevor Gosatti and seconded by Chris Frangos.

15. General Business

There was some general discussion on sponsorship at ASTT events and events in general. Stewart Brown felt that he was not getting the same exposure at events when compared to sponsors. Stewart felt that all exhibitors should get the same level of recognition. Chris Bland added that following each event, a survey is conducted and the results thus far are positive for GSP to continue the way they are.

Stewart Brown mentioned that the bulk of the trenchless industry is involved with HDD and that it was difficult to get to them all to become members of the ASTT. Stewart felt that the ASTT needed to develop more on what "Membership Value" can do for people, it needs to be more attractive, value for money etc.

Bill Issa mentioned that Utilicon was new and was keen to have operators competent to Cert 3.

Stewart Brown added that Energex and Dial before you Dig are involved in a big way in Queensland with Vacuum Excavation.

Bill Issa added that he was looking forward to the role of NSW Councillor and tackling some of the challenges put forward at this meeting. Bill has had an involvement with the ASTT since 1992. A pet project of his is to develop a mapping system that captures on a National basis, all the major projects that impact road reserves.

Stewart Brown advised the meeting on the status of use of Ground Penetrating Radar, it was agreed that he forward additional information from ACMA to Trevor Gosatti to consider.

17. Next Meeting

The meeting closed at 4:00 pm.

The next combined Council and Annual General Meeting will be held at a time and venue yet to be determined

Minutes compiled by:

Jeff Pace

Federal Secretary

April 24, 2011
