

NOVEMBER 2017 Volume 60, Issue 10. Online www.corrosion.com.au



Last chance to register!

Registrations have filled fast, but some spaces are still available. Make sure you attend to hear first hand from leading international specialists and make some very useful contacts!

For full details of the technical program, partner program and to register, go to www.conference.corrosion.com.au



ACANZ WELLINGTON CHRISTMAS SOCIAL 29 NOVEMBER 2017



ACA Members and their partners/guests are invited to attend a Christmas Social being organised by the Surface Coatings Association of NZ (SCANZ).

- Date:** Wednesday 29th November 2017
- Venue:** **La Bella Italia Restaurant** (Private Room), 10 Nevis St, PETONE
- Time:** Meet for refreshments from 6.00pm. Dinner from 6.30 pm.
- Cost:** \$60 per person (Fixed 3 course meal including wine)
- RSVP:** to willie.mandeno@opus.co.nz or Trish Shaw on 04 238 1334

For further information on venue, visit <http://www.labellaitalia.co.nz/>

ACA AUCKLAND CHRISTMAS SOCIAL PRELIMINARY NOTICE 15 DECEMBER 2017



ACA Members and guests are cordially invited to attend the annual ACA Auckland Christmas Social for 2017.

The social will include pre-dinner drinks (at own cost), a set-course Christmas dinner, and lots of friendly company during the evening.

The venue this year is the Bill Fish Cafe, located on the water's edge of Z-Pier, 31 Westhaven Drive, Westhaven Marina, Auckland. There is free car parking available nearby on Z-Pier at Westhaven.

This lovely indoor/outdoor cafe is licensed and following pre-dinner drinks, the cafe will provide a delightful set-course Xmas dinner.

Please mark the date and venue in your diary NOW !

We will provide more information, time, and cost pp, in the ACA NZ December Bulletin.

ACANZ would like to gratefully acknowledge this month's sponsor...

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ACA AUCKLAND DIVISION JOINT MEETING REPORT

On 19 October, a joint ACA, HERA and MESNZ Networking Evening was held at HERA House in Manukau, Auckland.

The meeting was well attended by around 30 people from the three technical organisations, to listen to three presentations which included case studies, on the following topics.

- Testing, quality management and steel compliance; presented by Michail Karpenko of HERA's NZ Welding Centre.
- Rusty steel: issues and solutions; presented by Raed El Sarraf of Opus and current ACA NZ Branch President.

- How the life of steel is affected by what you do to it; presented by Barry Robinson of S.A.F.E and current MESNZ President.

Each presentation was followed by questions from the attendees. The Technical Sessions concluded with a discussion on the topics presented.

The meeting was followed by refreshments during the networking part of the evening.

Positive feedback from the attendees supported organising a similar joint meeting event of this nature in the future.

Raed El Sarraf



The following Standards Australia publication has been published

Publication Number: AS 2312.1:2014 Amd 1

Title: Guide to the protection of structural steel against atmospheric corrosion by use of protective coatings. Part 1: Paint coatings

Publishing Date: 18-10-2017

Project Committee: MT-014 Corrosion Of Metals

ACA TARANAKI DIVISION TECHNICAL EVENT REPORT

The ACA Taranaki Division hosted a one-day technical event on 10th October; "Corrosion in the Oil Gas Industries 2017", attracting approx. 40 registrants from around New Zealand and Australia. With thanks to two main sponsors International Paint and Olympus, and 10 trade table exhibitors, the day included seven technical presentations, a speaker's forum and networking sessions.

Geoff White of International Paint started the day with a talk on Advances in Lining Technologies for Land Based Steel Storage Tanks and gave a great summary of epoxy coatings and advances in coating chemistries.

Wayne Thomson of PFP Systems presented on Coating Consideration Under Fire Proofing and described an LPG Tank Application Case Study, considering passive fire protection from intumescent and cementitious coatings.

Faizal Sahib of Olympus Australia spoke about Ultrasonic Thickness Measurement: Factors Affecting Accuracy and Repeatability in Corroded Structures. This summarised ultrasonic measurement theory, common corrosion issues and the importance of using the right equipment and competent operators for accurate measurements.

Mick Ellem of Shell Taranaki presented some topical Pipeline Remnant Life Case Studies: Detailed Defect Data vs Confidence in Corrosion Scenarios. This reminded us of the many factors and assumptions to consider in engineering assessments and the

granularity of scenarios for asset remaining life.

Wayne Burns of Anode Engineering spoke about cathodic protection and Asset Integrity Changes - From Analogue Meters to Hand Held PC's with GPS Tracking, broaching the topic of current and future monitoring equipment and the importance of practical experience with loggers and data management as part of CP training.

Garth Moran of Altex Coatings spoke about Coating Design for Oil & Gas Asset Preservation, highlighting that while numerous products can meet a generic specification, each will have different properties. He concluded that it is best to specify specifically, and reminded us of the importance of surface preparation and quality assurance for a good coating system.

Graham Lee of A.S. Harrison & Co. spoke about Migrating and Vapour Phase Corrosion Inhibitors for the Oil and Gas Sector and presented some case studies of using various forms of VpCI for preservation of assets while in use and in storage.

The day was concluded with a speaker's forum session and some refreshments to encourage more networking of attendees with the exhibitors.

We look forward to seeing everyone at the next Taranaki event. If you missed this event, ACA members can view presentation recordings via the ACA website.

Ry Collier

Speakers' forum (L-R): Wayne Thomson, Ron Berry, Wayne Burns, Garth Moran, Geoff White, Graham Lee

Exhibition room at the Taranaki technical event, Corrosion in the Oil & Gas Industries 2017



IN MEMORIAM:

VERNE MASON LINKHORN 1944-2017

It is with sadness that we record the passing of Verne Linkhorn, a Member of the Australasian Corrosion Association (ACA) NZ Branch. Verne passed away in Auckland on 5th October 2017 after a short illness, at the age of 73.

After schooling in Otahuhu, Auckland, and then completing his apprenticeship with TEAL, Verne flew for many years in Boeing 747s as a Flight Engineer for Air New Zealand (FE #21137).

He became an esteemed member of the aviation engineering fraternity at Air NZ. Verne's nickname at Air NZ was "Links" and it was often "Drinks with Links".

Following many years of service in the air, Verne moved on from Air NZ and moved to start a new life of service on the water - as a marine consultant. He travelled to California, USA, for training in corrosion prevention in marine environments.

When he returned to NZ he established Marine Corrosion Services in Auckland. The company specialised in dealing with corrosion problems and finding solutions on small boats, yachts and marinas. Verne was always helpful to his many boating clients and his technical expertise in the field was very sound. If Verne did not know something about corrosion and materials that he thought he should know, he would proceed to find out an answer to the corrosion problem for his client. Whilst a Member of the ACA during his years working in the marine corrosion prevention industry Verne gained his ACA Corrosion Technology Certificate.

Verne lived a full and a very active life; he will be sadly missed by his family and many friends. The ACA NZ Branch extends condolences to the Linkhorn family.

Les Boulton



CONTACT LIST

ACA NZ BRANCH COMMITTEE AND OFFICERS 2017

President	Raed El Sarraf	Raed.ElSarraf@opus.co.nz	(09) 355 9586	(021) 244 9093
Vice President	Patricia Shaw	Trish.Shaw@callaghaninnovation.govt.nz		(021) 665 884
Secretary	Patricia Shaw	Trish.Shaw@callaghaninnovation.govt.nz		(021) 665 884
Treasurer	Willie Mandeno	willie.mandeno@opus.co.nz	(04) 471 7251	(027) 224 8353
Education	Willie Mandeno	willie.mandeno@opus.co.nz	(04) 471 7251	(027) 224 8353
Membership	Ron Berry	Ron@nzir.co.nz	(06) 758 1745	(021) 990 550
Technical	Raed El Sarraf	Raed.ElSarraf@opus.co.nz	(09) 355 9586	(021) 244 9093
Electrolysis	Mark Sigley	mark.sigley@firstgas.co.nz	(06) 215 4044	(027) 706 7739
Editor	Les Boulton	lboulton@wave.co.nz	(09) 419 8451	(021) 478 300
ACA Council	Patricia Shaw	Trish.Shaw@callaghaninnovation.govt.nz		(021) 665 884
	Raed El Sarraf	Raed.ElSarraf@opus.co.nz	(09) 355 9586	(021) 244 909