

the Lighthouse

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Spring 2015

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THE LIGHTHOUSE Spring 2015

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Chairman's Message

The holiday season came and went, and all too quickly it was back to work.

Just before Christmas, we heard the sad news that Tony Clifford passed away from a heart attack. A tribute to Tony can be found in this edition of the magazine.

There have been excellent meetings held in the Philippines and Vietnam, where the hospitality and enthusiasm for the Lighthouse Club are truly wonderful. Each country has its own strategy, but comradeship and helping others is common to both.

I am still preaching the message of safety on site, and I know there is genuine support from many people who want to see this continue. Sadly, I am unable to attend the meeting in Hong Kong or the regional assembly, but I am sure they will both be tremendous successes.

The Lighthouse Club Singapore will host the Asia Pacific Region Meeting on 16th of May and I will hand over to our Chairman Elect. The time has passed all too quickly.

The Committee is delighted with the positive response to the revamped edition of this magazine. To make The Lighthouse as interesting as possible, we encourage all members, their employers and friends working in the construction sector, to submit stories for consideration. Ideas should be emailed to Elaine Man at lighthousehk@gmail.com.



Safe working.

Willie Kay
Chairman
The Lighthouse Club,
Asia Pacific Region

About The Lighthouse Club

The Lighthouse is the magazine of the Lighthouse Club Asia Pacific Region, which was established in 1998. The Lighthouse Club was originally established in England in 1956 and first came to Asia in 1986 with the formation of a Branch in Hong Kong.

The aims of the Lighthouse Club worldwide are to promote good fellowship amongst its members who work in or are associated with the construction industry and to provide charitable assistance to those in need within the construction industry and to their dependents in qualifying cases.

The Lighthouse Clubs that were in existence in 1998 in Asia agreed to the formation of the Lighthouse Club Asia Pacific Region with the following objectives:

- To support and where necessary co-ordinate the work of charitable assistance undertaken by the branches of the Lighthouse Club within the Asia Pacific Region
- To promote the establishment of further autonomous branches of the Lighthouse Club in the Asia Pacific Region
- To promote good fellowship between the members and branches of the Lighthouse Club in the Asia Pacific Region

In addition to the charitable works of the individual branches of the Lighthouse Club, the Lighthouse Club Asia Pacific Region has two related Hong Kong based charities which provide charitable assistance throughout the Asia Pacific region:

- The James Battersby Lighthouse Club Educational Trust which provides assistance for education and training to qualifying young persons
- The Lighthouse Club Asia Pacific Region Benevolent Trust which provides assistance to relieving poverty and financial need to persons currently or previously employed in the building and civil engineering industries and allied trades where such persons and/ or their dependents are suffering hardship as a result of accident, disability or ill health.

For more information and membership / sponsorship enquiries please contact the Membership Secretary or Deputy Chairman of the Lighthouse Club Asia Pacific Region at lighthousehk@gmail.com. To advertise in this magazine please contact publisher@rofmedia.com or lighthousehk@gmail.com

Official website : www.lighthouseclub.asia

The Lighthouse is online at www.issuu.com/rofmedia



Features

Milestone

Dragages Hong Kong hosts exhibition to mark 60th Anniversary



7

Safety Leadership Awards 2015

The best in the business recognised for commitment to safety



9-15

In This Issue

22-27

Market Review

A look at the dynamic nature of the sector in Singapore



18-20

Benevolence

- [19] A word of thanks
- [20] Sharing the Christmas cheer

21

Advertorial

Gammon partners with Hilti to go cordless

29-31

Regional

- [29] Asia Pacific Region Committee Meeting
- [31] 8th International Gathering held during Rugby Sevens

Regional Branch News

- 32-34 Singapore
- 35 Bangkok
- 36 Phnom Penh
- 38 Ho Chi Minh City
- 39 Manila
- 40-41 Australia
- 42-43 Kuala Lumpur
- 44-49 Hong Kong

52-53

Sponsors

Lighthouse Club Asia Pacific Region Sponsors 2014-2015

55

Events

Calendar of forthcoming events April-June



CIC
INNOVATION
AWARD
建造業議會創新獎

Sustainable innovation drives transformation



With its commitment to drive for unity and excellence of the construction industry of Hong Kong, the Construction Industry Council (CIC) launched the CIC Innovation Award this year to recognise new technologies and scientific breakthroughs achieved by the academia and construction industry practitioners. Enroll now to showcase your creativity!

建造業議會致力團結香港建造業以達至精益求精，今年設立「建造業議會創新獎」，旨在表揚在創新技術及科學研究上有傑出成就的學術及建造業界人士。立即報名參加，展示你的創新意念！

Awards
獎項

Academia & Industry Practitioners
學術組及業界從業員組

Local 本地

International 國際

Grand Prize
創新大獎

HK\$300,000

HK\$300,000
(~US\$37,500)

Academia
學術組

Industry Practitioners
建造業界
從業員組

1st prize
第一名

HK\$150,000

HK\$150,000

2nd prize
第二名

HK\$100,000

HK\$100,000

Young Innovator Award
青年創新獎

HK\$50,000

HK\$50,000

Submission Deadline

截止日期

1 Sep 九
2015 月

Details and application form are available on
有關詳情及表格請瀏覽

www.hkcic.org



Dragages Hong Kong 60th Anniversary

To celebrate the milestone of their 60th Anniversary, Dragages Hong Kong hosted an exhibition cum cocktail event on 24 March at AsiaWorld-Expo. Some 1,500 guests attended the exhibition, including senior government officials, management from Bouygues and Bouygues Construction, clients, working partners and their staff.

Mrs. Carrie Lam, Chief Secretary for Administration, was the Guest of Honour and officiated at the opening of the exhibition. She said: "As you will notice from the projects showcased in the exhibition today, Dragages Hong Kong has all along been very dedicated to building a better Hong Kong. To me, Dragages Hong Kong grows with Hong Kong. In its early days, it contributed its marine and dredging expertise to the reconstruction and extension of the Kai Tak runway. When Hong Kong expanded from an aviation hub to become a cruise hub some fifty years later, Dragages again made its mark by designing and constructing our new landmark, the Kai Tak Cruise Terminal Building, on the former runway site."

Other officiating guests included Secretary for Development Paul Chan, Director of Civil Engineering and Development CK Hon, Director of Highways KK Lau, Director of Architectural Services KK Leung, Projects Director of MTRC Philco Wong, Chairman and CEO of Bouygues Martin Bouygues and Managing Director of Dragages Hong Kong Nicolas Borit.

Projects by decades since the 1950s, including highlights of nine ongoing and recently completed projects were showcased. Some

of the exhibits were the size of real construction equipment and a jumbo drilling machine was also displayed at the entrance of the venue to welcome our guests.

Dragages Hong Kong has been growing hand in hand with Hong Kong since 1955, working on many of the major infrastructure projects and developments that contribute to Hong Kong's status as one of the world's leading cities. Over the last 60 years, the Company has earned a reputation for ground-breaking innovation, and the on-time delivery of even the most technically-demanding projects. Its value-added engineering solutions continue to play a pivotal role in the city's development, "shaping a better life" for everyone who lives, works or travels in Hong Kong.

Nicolas Borit, Managing Director of Dragages Hong Kong, said: "Our journey in this city has been amazing, and what touches me the most is that we have been growing in parallel with this wonderful city, involved with the city's milestone developments over the past six decades. And our mission remains to build and shape a better Hong Kong through our innovative and value-added engineering solutions. At present, we are simply doing what we have always done: building large and complex infrastructures that connect people and the city, which in turn will support the prosperity of Hong Kong for decades to come. Thanks to all 2,500 staff of Dragages Hong Kong, BYME and AsiaWorld-Expo – for your talent, hard work, can-do attitude, loyalty and friendliness that make this organisation so unique."





Building on success

Winners at this year's Lighthouse Club Safety Leadership Awards have each made their own significant contribution to improving safety in the construction industry.

When Professor Steve Rowlinson arrived in Hong Kong in 1987 he was shocked to find the accident rate in the construction industry was more than 350 accidents per 1000 workers annually.

This statistic triggered his focus on construction safety from the time he took up his position at Hong Kong University, initially in the civil engineering department before joining the department of real estate and construction in 1991.

His work, spanning almost two decades in research and consultancy, saw him honoured with the prestigious Golden Helmet at this year's Construction Industry Council - Lighthouse Club Safety Leadership Awards.

Held on March 20, the awards promote and recognise excellent health and safety leadership and management.

Professor Rowlinson has written half a dozen books on construction site safety both in Hong Kong and worldwide and has graduated 35 PhD students, many of whom studied site safety.

He actively takes roles in the Lighthouse Club, the British Chamber of Commerce Construction Industry Group and the Clients Safety Benchmarking Group. He is also a member of the Institution of Civil Engineers, the Hong Kong Institution of Engineers and Fellow of the Royal Institute of Chartered Surveyors.

Prof Rowlinson, who obtained his degree in civil engineering from the University of Nottingham, his Masters degree from Imperial College, London and his PhD from Brunel University, is the first academic to win the award.

Leading The Way

Speaking at the awards night, Professor Rowlinson said he was surprised, honoured and humbled by the award.

“I believe that I am the first academic to receive this award and I am very proud of that achievement,” he said. “There is no way I could have been considered for this award without the help of all of my students. Those past, those present and those who will graduate in the future.”

Professor Rowlinson used his win to urge the entire construction industry to maintain its commitment to ensuring safety.

“Let us remember, we have seen improvements in the industry but there is still a very long way to go,” he said. “We all need to strive to ensure that each and every person on site goes home safely. This is our duty and responsibility, let's go forward and make further improvements till we get to that zero-fatality, zero-harm goal.”

The Golden Helmet has been awarded since the early 1990s to an individual who has excelled in promoting safety in its widest sense, both within an organisation and across the industry, and who has influenced the development and implementation of best safety practices in Hong Kong.



The winner of this year's Derek Smyth Safety Leadership Award for Clients and Developers Gold Award was the Airport Authority Hong Kong.

The Derek Smyth Awards recognise organisations which place health and safety at the top of their agendas and demonstrate leadership in the industry and from their senior people. The Airport Authority was lauded for its commitment to managing construction works safely and leading from the top, and in particular for innovating to bring about improvement in high-risk operations.





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Safer Workplaces

Airport Authority Projects Department Deputy General Manager Ian Livingston said safety in the aviation business was critical, and that the authority sought the best safety standards.

It has recently implemented innovative new measures to better manage site safety, including its Fall Protection Rating system and Electrical Safety Rating system.

The success of the initiatives are evidenced in a significant drop in injury statistics.

“Over the last calendar year the Accident Frequency Rate measured per thousand workers per year on our construction sites has dropped to an all-time low of 0.8 despite there being two major projects underway during this period with a combined workforce in excess of 2500,” Mr Livingston said.

“The Gold Award in safety leadership recognises the Airport Authority’s commitment to maintaining the best safety standards and the contributions made by our safety professionals and frontline staff in promoting safe working on site.”

CLP Power Hong Kong Limited took out the silver in the category, with the Hong Kong Jockey Club winning the Bronze Award.

CLP Power is Hong Kong’s major energy supplier, delivering electricity to 80 per cent of the population.

CLP Power’s Deputy Director for SHEQ- Power Systems, Keith Chan, said safety was the company’s No 1 priority, with stringent safety guidelines that are strictly enforced ensuring CLP’s accident rates were lower than the industry average.

“The winning of the award further reinforces CLP’s determination in achieving the goal of zero incidents,” Mr Chan said.



Sixty Years Strong

CLP has a steering committee which formulates and reviews safety policies, as well as dedicated teams in every business unit to promote safety culture and campaigns. The company has also introduced the “Safety Family” campaign to reinforce the collective responsibility for safety.

“The idea behind these initiatives and measures is that all of our employees, contractors and customers should take care of the safety and well-being of each other in the same way that we care and look out for members of our own families, joining hands to achieve common goal of “zero incidents” and spread a culture of total safety among the community,” Mr Chan said.

Hong Kong Jockey Club Head of Property Project Management John Latter said the club was very pleased to be recognised for its good performance on safety.

“Through our discussions with the judging panel we have identified opportunities to improve our existing practices, including better alignment on safety goals across our sites and initiatives such as the promulgation of better near-miss reporting,” he said.

The winners of the Derek Smyth Safety Leadership Award for architects and consultants was Jacobs China. It claimed the award for its ability

to go beyond the expectations of clients and improve health, safety and well-being for construction workers with a holistic approach.

“We are very proud to have won this Gold award. Jacobs takes safety very seriously and this recognition is testament to the commitment made by our local leadership in promoting our global BeyondZero® safety programme,” says Nicholas Henry, Jacobs director.

“We strive to instill our Culture of Caring in everything we do and to ensure safety, health and welfare are always top priorities. This safety culture extends outside the office walls, beyond the project site and into our homes and is about every one of us making safety a personal value that we live by each day.”

At the awards night, contract works, liability and employees’ compensation insurer Assicurazioni Generali SpA and insurance broker Willis Group donated HK\$100,000 to the Lighthouse Club to support its ongoing contribution to the construction industry in Hong Kong.

It was a fitting way to mark the Club’s 60th year of delivering charitable welfare and support to the construction industry.



This year's winners:

Golden Helmet

Steve Rowlinson, Hong Kong University

●
The Construction Industry Council-Lighthouse Club Derek Smyth Safety Leadership Award for Clients / Developers

Gold Award

Airport Authority Hong Kong

Silver Award

CLP Power Hong Kong Ltd

Bronze Award

The Hong Kong Jockey Club

●
The Construction Industry Council-Lighthouse Club Derek Smyth Safety Leadership Award for Architects / Consultants

Gold Award

Jacobs China Ltd



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- Alternative dispute resolution
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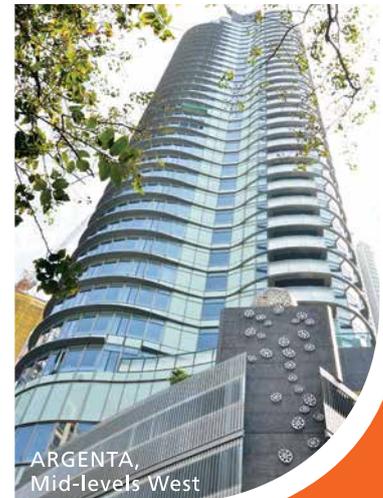
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Gammon Family Fun Day

30 November 2014 marked a day of fun and excitement for those families assisted by Lighthouse Club. Gammon Construction kindly donated their family fun day tickets to the Club.

“Work Safe, Stay Fit” marks the theme of this year’s event, with an emphasis on safety and person wellness which are the ultimate foundation for happiness. Held at Sheung Shui Community Sports Village and Tung Wah General Hospital’s Ma Tso Lung Campsite, honorable guests including Donald Tong, Commissioner for Labour of Labour Department offered a great reason for families to have loads of memorable moments. Thrilling games, interesting bubble soccer, unique cultural workshops, breath-taking soccer competition, as well as the most anticipated lucky draw and the

extraordinary live performances by Association for the Rights of Industrial Accident Victims, Hong Kong Federation of Handicapped Youth, TWGHs Mok Wong Fung Yee Home for the Elderly and Tai Hung Youth Centre of Oi Kwan Association.

A big Thanks to Gammon for their generous support of Lighthouse Club.



A Word Of Thanks



BEIJING NORMAL UNIVERSITY, ZHUHAI
519087, P.R. China

感谢信

致余廷怡姐姐：

余姐姐，或者我是你曾经帮助过的人中的一位，或许你已不记得我，但我却不会忘记你的帮助。你曾在我最无助时给予我温暖，尽管在你眼里是件微不足道的事。

今年的3月，我父亲发生意外而逝世，我和弟弟面临着学费问题，我在伤心痛失家人的同时也对未来的发展感到迷茫。在我最无助时，是你帮我们填写申请的资料，是你以一颗乐于助人的来帮助我们，尽管我们是不曾相识的人。在初次见面时，你跟我们详细地说明机构的来由和申请的几种情况。在我对我未来学业资金感到担忧时，是余姐姐你用言语安抚了我的心，尽管那时不知道申请的资金能否成功。

而过了几个星期后，助学金的申请被通过了，我们的学费及生活费暂时得到解决。也正是如此，我才能专心学习参加高考，现在我已考上大学，我认为在大学里的校园生活多姿多彩，可以学到很多东西，也开阔了我的视野。同时也很感谢余姐姐在我最困难时给予援助之手。才让我明白原来世界每一个角落都有好心人，只在于你是否用细心去发现。

正是因为余姐姐你的帮助，才让我更加认为助人为乐是快乐之本，所以我入了学校的红十字会的救护部，可以让我学到急救知识，也可以在别人遇到交通意外或受伤时，可以帮忙包扎或急救。我不是以另一种方式让我感受到助人为快乐之本。即使是互不相识的陌生人，可以在帮助到别人的同时，自己内心也感到开心。

为了不辜负余姐姐你的一片爱心，我会继续我的学业，取得优异的成绩。

此致

敬礼

谭

2015年1月15日

15 January 2015

Dear Cordia,

Maybe I am only one of the many people that you have helped in the past. You might have even forgotten me, but I have crafted all you have done for me and my younger brother onto marble that reminds me from time to time of your warm helping hand when we were in the most desperate time of our life.

My father, Tam Wing Hung, who was a worker in construction, passed away in March 2014. Being the only breadwinner of the family, my brother and I fell into a perplexing situation.

It was you who lent a helping hand at our most needed moment, helping us to apply for financial aid from the James Battersby Lighthouse Club Educational Trust.

Although we had never met, your selfless and cordial explanation brought us to a clear picture of how the Lighthouse Club could help us out of the haze.

If it wasn't for your help, we would still be dazed by the sadness of losing our father.

The application was approved a few weeks later, our expenses solved temporarily, and because of that, I could concentrate on my studies to prepare for examinations.

I have since been admitted to Beijing Normal University, Zhuhai.

The moment that I started my university student's life, I could not wait to share my happiness with you and would like to thank you again from the deepest part of my heart for your help.

You made me realise that a friend in need's a friend indeed.

I wanted to spread that thought, so I joined the first aid department of the Red Cross Association at our school. As you know, the aim of the Red Cross is to help people in need, which fits into the spirit of the Lighthouse Club.

In the meantime, I will work hard academically to repay what you have done for us.

Yours sincerely,
I hereby salute you,
Tam XX

A day of fun for beneficiary families

Special thanks to Chun Wo Development Holdings Ltd. for sponsoring this meaningful day, the volunteer staff from Chun Wo and MTR who made this day turned out to be a wonderful day.

It was 6 December 2014 and a pretty day, with members from 12 families started off in the morning for Ngong Ping 360 Cable car on arranged transportation at pickup points. The cable car ride was not long, but with the beautiful scenery and sunshine, the destination Ngong Ping Village seems like only minutes away. The shops in the village is attractive, but compared to the Big Buddha.....

Lunch buffet was arranged in HK Skycity Marriott Hotel with large varieties of food, kids received Christmas chocolates, Gift coupons from Book store were also given as lucky draw prizes. All the children were asking the same questions: "When will be the next event?? Where are we going next time??....." Headache for the organizers.....



Gammon Commits to Cordless Practice at Midfield Concourse Works with Hilti

Going cordless for elevating industry safety and productivity



The Midfield Concourse Works, a HK\$6.2 billion five-level development, highlights Hong Kong's importance as an international airline hub. It expands the facilities at the busy Hong Kong International Airport with more taxiways and aircraft stands.

Confronted with the challenges of tight programmes, Gammon Construction, the main contractor, aspires to enhance productivity and safety, which are crucial elements for success. In view of the benefits of cordless practice, the company has widened its implementation and introduced a host of new initiatives to convince subcontractors of its competitiveness.

Widening the cordless implementation

Corded power tools come with many safety problems. Unightly wires and the need for electrical outlets can be the cause of many accidents due to tripping over wires and electric shocks.

"Additionally the time spent in providing temporary power supplies, cable hangers and cables to various work areas leads to lower production rates," said Mr. Richard Ellis, Contracts Manager of the Midfield Concourse project, Gammon Construction.

The necessity to electrically test every 110/220V power tool every three months consequently increases the electricians' workload, presenting a challenge to operations.

In pursuit of productivity and safety, Gammon Construction has exercised cordless practice across its business. At the Midfield Concourse site, the company has extended its implementation by going beyond E&M (electrical and mechanical) and involved the whole building construction.

Hilti partnership eases subcontractor burdens

Convincing subcontractors to adopt cordless practice is vital to its success. Therefore, Gammon Construction has partnered with Hilti to proactively promote a new way of calculating equipment costs. It has also reinforced this initiative by explaining to subcontractors the safety and commercial benefits of going cordless.



"There is an initial upfront cost in that replacement batteries and chargers are required by cordless power tools, but this is soon offset by greater flexibility in the work place. In addition, the battery pack up to 36V is extremely unlikely to cause a dangerous

electric shock as opposed to 220/110V supplies for conventional tools. It is much safer, and saves money by eliminating risks," said Mr. Ellis.

The company backs its commitment by easing the subcontractors' immediate budgetary constraints. It directly sponsored and purchased cordless tools from Hilti for the use of subcontractors, and offered all charging stations for free.

Subcontractors witness profound impact on safety and effectiveness

The subcontractors have reaped immediate benefits.

"We have found that there are far less requirements for temporary power supplies and removing cables, which can get damaged or cause tripping if not secured properly. In fact, the risk of electric shock is virtually zero due to the low operating voltage," said Mr. Banson Lam, Contracts Manager of Gammon Electrical and Mechanical, who worked in the Midfield Concourse project.



More importantly, subcontractors expressed their appreciation for the various benefits of cordless practice. "Once sub-contractors make their initial purchase of suitable power tools and experience the positive cordless environment, they will be pleased with appealing cost reduction," he added.

A cordless future

So will cordless be the future of construction?

"I believe that in the near future the use of cordless power tools will become a company-wide policy," said Mr. Lam.

He also advised other companies to consider cordless practice seriously. "It is worthwhile to start going cordless with your stakeholders as soon as possible."

-
01. Cordless Practice removed unsightly wires, improved safety and increased productivity at the Hong Kong International Airport's Midfield Concourse Works job site.
 02. Gammon Construction's Contracts Manager Richard Ellis sees going cordless can enhance safety.
 03. Subcontractor extended Cordless Practice by going beyond E&M works.

Singapore Turns 50

Happy birthday, Singapore

SG50 is the name given to the programme of celebrations of Singapore's 50th birthday. SG50 calls on the country's people to reflect on their journey together, rejoice in what makes them Singaporean and inspire action to contribute towards shaping Singapore as a nation.

Planning Singapore's big birthday is quite an effort, but a strong network linking the people and the public and private sectors backs it up. The SG50 committee is led by the minister of education, while the minister of culture, community and youth heads the SG50 Programme Office. They are supported by five teams: education and youth, culture and community, economic and international, environment and infrastructure, and partnerships.



SG
50



The pioneering generation

In the beginning, there were pioneers. They were men and women who would take nothing lying down, who pushed back each new frontier they encountered. They were the true trailblazers, the ones who dared to dream. Many are still with us today, living quietly, proud but humble. What were their dreams? What were they fighting for? What are their stories?

Look more closely and their stories probably sound a lot like the stories of their successors. Down the generations, Singaporeans are connected by the same dreams, aspirations and experiences. Younger ones may move a little differently, but the strength, grit and pioneering spirit of preceding generations run deep. And they live on in every Singaporean.





Events and celebrations

To mark this milestone in Singapore's history and to celebrate reaching it, Singaporeans will not only have a say in how the nation celebrates its golden jubilee, but also be invited to plan and organise activities. Throughout the year, a myriad projects will be funded to enable people to take an active part in the planning and celebration of the country's big five-oh. From art and culture to fun and games, there is plenty to do all around the island. There are also a series of large scale construction projects underway.



Marina Coastal Expressway opens

Last year saw the opening of the new Marina Coastal Expressway (MCE). The MCE was a Herculean project to build a highway under the sea. Costing S\$4.3 billion (US\$3.16 billion) the 5-km, 10-lane highway joins the Kallang-Paya Lebar Expressway (KPE) and the Ayer Rajah Expressway.

The stretch in the middle, close to half a kilometre in length, runs under the seabed of Marina Bay, 130 metres south of the Marina Barrage and 25 metres below the waves.

The volume of water discharged by the Marina Barrage – 2,000 cubic metres of water a second, or the contents of about 50 swimming pools each minute – churns up the seabed and washes it away.

Gabions – rocks in cages – had to be placed next to the temporary works, to stop the seabed around the works from being eroded, and the stretch had to be built in stages to leave at least 150 metres clear to ensure the water flow was unimpeded.

Another challenge was working with the seabed, which consists of a thick layer of marine clay. The piles had to go down 85 metres to anchor on hard rock.

By good fortune, civil engineers working in Singapore are no strangers to such difficulties: the city had already built roads running through tunnels under bodies of water.

The Central Expressway (CTE), built in the 1980s, runs below the Singapore River for 70 metres. Similarly, the KPE runs under the Kallang River for 120 metres.

The MCE now runs under the sea for 420 metres.

All three roads cross over the top of MRT subway lines. The CTE crosses over the East-West Line and the KPE crosses over the Circle Line. The MCE runs over the North-South Line extension. All this would have been impossible if engineering provisions had not been made when the subway lines were built.

The MCE, as built, allows for future extension of the MRT. The subway network will have a branch going west towards the future Southern Waterfront, which will be built after the port moves to Tuas in 2027, and a branch going east to Marina East.



Project Jewel begins

Work has just begun on Project Jewel, which will put a mixed-use complex at the heart of Changi Airport.

The groundbreaking last December started a process that should culminate at the end of 2018 with the opening of a glass-and-steel structure on what is now the open-air car park in front of Terminal 1.

The complex will form the hub from which the three airport terminals will radiate. It will have five storeys above ground and five basement levels. The gross floor area of about 134,000 square metres is intended for an estimated 270 to 300 shops, a hotel, attractions for visitors and airport facilities.

The complex will be encased in a distinctive glass and steel dome. A notable feature will be a waterfall 40 metres high plunging through a lush indoor garden.

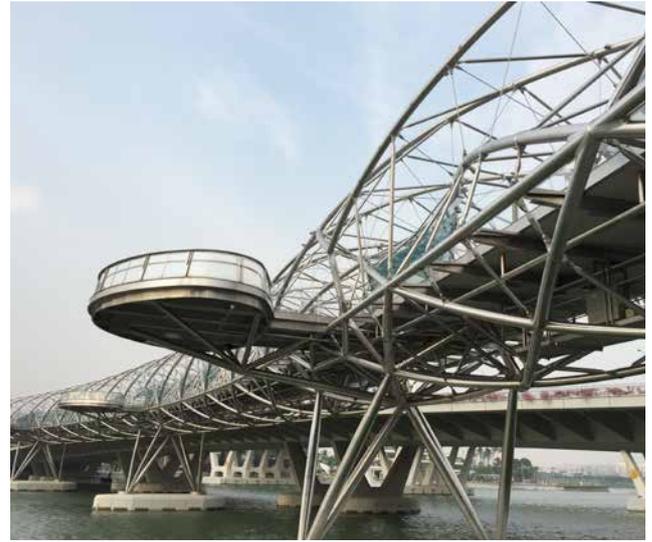
The complex will give access by foot to Terminals 1, 2 and 3.

Terminal 1 will be expanded to make the arrival hall and baggage claim areas bigger and to create more space for taxis to load.

The complex will have dedicated facilities for passengers flying in or out at the beginning or end of ocean cruises and coach trips. It will increase the number of passengers the airport can handle each year to 69 million.

Changi Airport Group and CapitaMalls Asia are the joint developers of the S\$1.47-billion development.

Also involved in the project is a consortium of consultants consisting of Safdie Architects (who designed the Marina Bay Sands resort), Benoy and RSP, the architects behind ION Orchard.



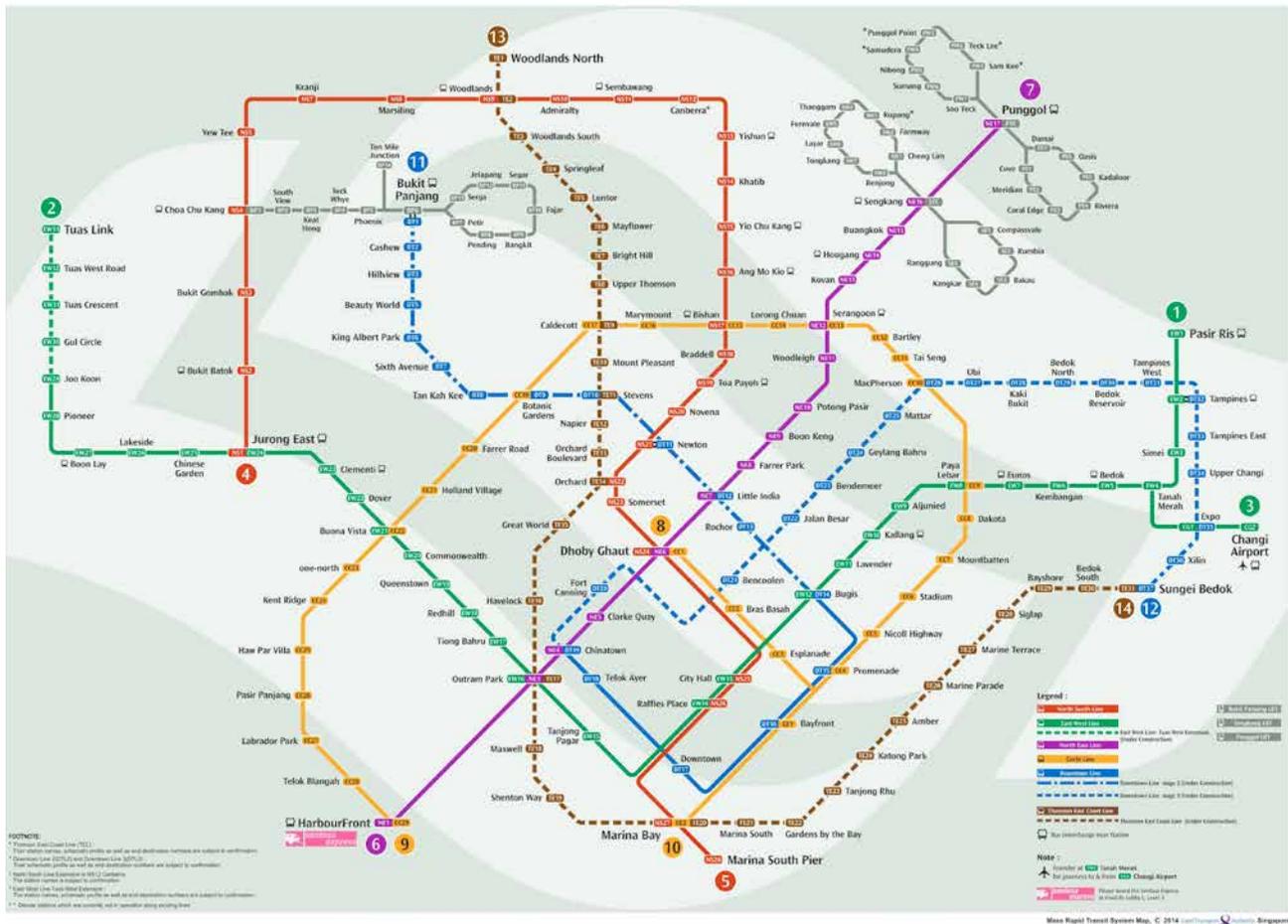
Subway network expands

Plans for the long-term development of Singapore have entailed a great investment in railways over the past decade.

The MRT subway network's Circle Line opened in 2009 and parts of the Downtown Line opened in 2013.

The Downtown Line is the fifth in the network. The original plans envisaged that the line would have some 42 km of track and 34 stations when fully operational in 2017. But in the middle of last year additions to the Downtown Line were announced, along with plans to build the Thomson-East Coast Line.

The Thomson-East Coast Line will link Woodlands in the north and Bedok in the East, going via Gardens By-the-Bay. There are also plans for a Cross-Island Line and a Jurong Region Line – all of which should keep the tunnelling and railway fraternity busy for some time to come.



The MRT charts its future

Tanjong Pagar Centre

Positioned as a premier quality business & lifestyle hub, the 1.7-million-gross-square-foot Tanjong Pagar Centre will provide a mix of uses, comprising office, residential, retail and hospitality, in Singapore's historic Tanjong Pagar central business district. The development will be a significant contribution to the evolving skyline of Singapore and will become a landmark destination, serving as a gateway to the future waterfront city.

The centerpiece of the project will be a re-designed Tanjong Pagar City Park to create unique public spaces that provide activity and open space to visitors. In line with a shared vision of the Singapore Urban Redevelopment Authority and GuocoLand to create lively and attractive public places, protected and useful outdoor gathering spaces and sustainable urban environments—Tanjong Pagar Centre will set the standard for sustainable, livable development in Singapore for generations to come.

With a simple and elegant massing that tapers as it reaches into the sky and a strong setback two thirds of the way up, the profile of the complex resembles the Chinese symbols for “people” and “entry” when viewed from the west and east respectively. This silhouette, in turn, represents Singapore's eagerness to welcome both visitors and new economic opportunities.

Located on the eastern half of the site, the 290-meter office and residential tower will feature 38 stories of Grade A office space (“Guoco Tower”) with luxury residential units (“TP180”) above, and will be the tallest building in Singapore. A 20-story

mid-rise tower to the west will accommodate luxury business hotel and its amenities, including restaurants, a conference center, gym, and landscaped terrace and pool deck overlooking the Tanjong Pagar City Park.

Both towers feature a high-performance curtain wall designed to provide shading and reduce energy use while unifying the various components of the mixed-use project. The façades are clad in a neutral gray glass, which, together with a holistic approach to sustainability, will help the project achieve both Greenmark and LEED platinum status. Horizontal reveals and fins on the north and south sides of the building provide shading and help to scale the wide proportions of the building, while vertical fins on the east and west faces accentuate the verticality and tapered building profile.

The 6-story podium will provide multiple levels of car parking, retail, restaurants, and entertainment, as well as the hotel, office, and residential lobby and amenities level. A large public component includes a City Room, which will feature public art and outdoor performance areas, ground-level retail, and an underground pedestrian network that will connect to the existing MRT station.



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4th Regional Committee Meeting in Ho Chi Minh City

24 January 2015 saw the fourth regional committee meeting of the Lighthouse Club Asia Pacific Region (APR) for the year 2014/2015 take place in the Game On Saigon Sports Bar and Restaurant in District One of Ho Chi Minh City, Vietnam.

Chaired by Willie Kay, the quorate meeting saw Officers, Representatives, Co-optees and Observers attend from Vietnam, Hong Kong and Cambodia.

In addition to the Officers reports, the meeting noted the probable resignation of John Arkinstall as Secretary of the APR due to his absence from Asia on a long term assignment. Sadly, this probable resignation became a reality, shortly after the meeting, as John's assignment in South America was confirmed. Steve Tennant volunteered to be the acting Secretary, until a replacement Secretary was formally appointed.

Willie Kay also reported to the meeting the passing away of Tony Clifford (see article in this edition). He also noted that there are now three Lighthouse Club branches in the APR, each promoting their own Golden Helmet award (recognising Safety Leaders) and encouraged other branches to do the same.

The Treasurer's report provided details of the financial assistance that the James Battersby Educational Trust and the Benevolent Trust were providing throughout the Asia Pacific Region. Thanks to the fundraising efforts of certain branches and in particular Hong Kong, both Trusts are in a position to be able to take on additional cases. If you are aware of a potential case for the Educational Trust or the Benevolent Trust, we strongly encourage you to bring that case to the attention of your local branch committee, who can then initiate an application for assistance for consideration by the Trustees of the Trusts.

The next meeting of the APR will take place in Hong Kong in late March 2015 to coincide with the Hong Kong Rugby 7's.

The meeting concluded with a vote of thanks to the Ho Chi Minh City branch for their excellent organisation of the meeting and the efforts that they made to welcome the visitors and show to them the exciting and vibrant city that is Ho Chi Minh City.





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Lighthouse Club International Gathering

Thursday 26th March 2015

The 8th International Gathering did a splendid job of kicking off the Hong Kong Rugby Sevens weekend once again.

Members and guests from Hong Kong, Macau, Kuala Lumpur, Singapore, Middle East and U.K. converged on the Hong Kong Jockey Club's Happy Valley stand. Over 130 people attended and commenced the evening with drinks on the balcony overlooking the race course.

Richard Poulter was tasked with maintaining order throughout the evening and welcomed guests from various Branches, thanked corporate tables and individuals alike who were good enough to attend and outlined the entertainment on the agenda for the evening.

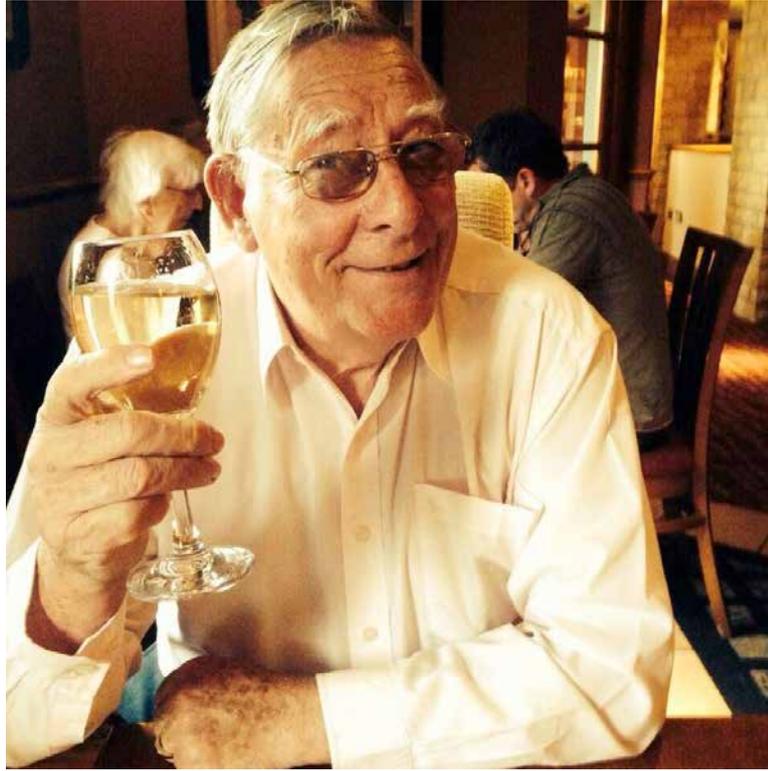
A sumptuous buffet and lashings of beer and wine were provided courtesy of HKJC.

Tables went head to head in a frantic auction for three hugely valuable 7 s tickets and lovely ladies circulated with the "Pink Helmets" collecting everyone's generous donations with nearly HK\$30,000 being raised on the night for the HK Benevolent Fund!

The after dinner entertainment for the evening was provided by a rather class double act of Australian Rugby legend David Campese (Campo) and former Bath and England player and highly acclaimed public speaker, David Trick (Tricky). Neither disappointed with hilarious anecdotes from both which incredibly were "absolutely true!"

Thank you once again to all those who attended, and of course thank you to Dave, Michelle and Elaine for organizing just about all of it!!





In Loving Memory of Tony Clifford

**6th November
1938**

**13th December
2014**

Tony Clifford may not have been known to you personally, but he was a significant force behind the growth and prominence of the Lighthouse Club in Singapore.

Initially as a member and secretary, and then for several years as president, Tony was the driver that made the club the second-biggest and busiest in the Asia-Pacific region, brimming with members, activities and funds for benevolence.

Tony was also actively involved in the Lighthouse Club Asia-Pacific as one of Singapore's representatives and was very supportive of regional initiatives.

Our motto is "Aliis cum Humanitate", meaning consideration for others. Tony put consideration for others into all that he did. Tony was with his wife, Jo, on Saturday, December 13, driving home at night along Cornish country lanes. He suffered a massive heart attack which caused him to pull on the steering wheel and the car crashed into a tree at low speed. Jo was unhurt but Tony had passed away.

Tony had a long and illustrious career in the construction industry around the world.

He met Jo in Shanghai and they had a long and happy life together. They moved to Singapore to work on the water reclamation plant at Changi. He was employed by the consultant CH2M Hill and quickly became an important part of the project.

Later, Tony was employed on an underground station and cut-and-cover tunnel for the Singapore subway by one of the companies that worked on the water reclamation plant, Lum Chang Building Contractors.

To each project Tony brought his vast experience of construction tempered with a true understanding of people. He commanded respect but it was always returned freely. He was firm but fair and treated all as equals.

But Tony's biggest asset was his sense of humour. At work, rest or play, his mind was always razor-sharp, conjuring up a remark or simply a look that would get us all laughing together. Jokes and humour were part of his life.

With Tony's sense of humour came a desire to help others. The most public of the many ways he helped others was through the Lighthouse

Club, to which he dedicated much time and energy. Initially working with Roger Mitchell, helping on the secretarial side, his responsibilities increased as time went by and eventually, as president, he led the club.

Under Tony's leadership, the club's membership grew and so did its bank balance. He worked with the universities and other institutions, enabling the club to help more and more people.

When he retired and left Singapore, we were all sad to see Tony, Jo and Sheba go.

On his return to England, Tony formed a Lighthouse Club branch in Cornwall.

Tony was always liked and respected, and his death has saddened many.

We send our deepest sympathies to Jo, daughter Kai Lin and son Anthony.

Condolences have been expressed by the management of the Tanglin Club – where the club held meetings and dinner dances, and where Tony and Jo held their wedding.

On the last project we worked on together, C912, was with Lum Chang, a listed Singapore contractor. Chakra, whom we had both worked with, was the project boss. On learning of Tony's passing, Chakra wrote a poem. The poem formed part of the funeral tribute to Tony, and is reproduced here.

Also reprinted is an extract from a letter written by a former colleague and his daughter, whom we were able to help through the Lighthouse Club,

When Death Storms
by Chakra



*A father figure Tony is gone ...
And his memories, sour and sweet, come along.
Our lives crossed mundane tireless paths,
Twice in time, perhaps drawn by pure heart-math.
We argued our minds, rough and tough,
But surely ended with a hearty laugh.
His refined English sense of humour dry.
Would always make my Indian grin wry!*

*A fatherly figure Tony is gone ...
And with him his values he stood on!
Behind the jokes, was a serious man,
Full of purpose, will and 'I can'.
An atheist, but a staunch believer in goodness.
In all that he did, there was oneness.
He lived his life on his own terms
And took God to task, on the lectern.*

*A fatherly figure, Tony is gone ...
Today, like an orphan son, in silence I mourn*

Extract from a letter of gratitude

"Tony is not just my boss but, also my friend. He taught me to just view the glass as half full and not let that affect me. I will treasure him dearly. Thank you for being the passionate, selfless being, always willing to listen and act on behalf of those that needed your intervention in their lives.

"As my family went through difficult times in 2009 – upon my daughter's diagnosis of cancer (retinoblastoma), onset of treatment and subsequent episodes of chemotherapy and surgeries, until she lost her sight in 2013 – it means the world to us to realise that we are not alone in this battle; Tony was there in every step of the way. He truly provided me the much needed boost, both financially and emotionally."

"Death is not extinguishing the light; it is only putting out the lamp because the dawn has come." – Rabindranath Tagore

*And so with his peers we may leave him,
With all the good men and true,
Who have come to the last of the gateways,
And laughed and gone galloping through.*

It's all happening at the Singapore branch

Last year ended in a flurry of activity at the Lighthouse Club Singapore branch.

The annual dinner and dance took place at the Tanglin Club in November, and was well attended by a wide cross-section of the membership. A bagpiper welcomed the guests, who tucked into a three-course dinner as a prelude to an evening of raffles and entertainment, which had a distinctly Brazilian flavour.

The club had its traditional festive-season get-together in December, where Santa Claus put in an appearance.

In the appropriate spirit, members donated gifts to be given to children in critical care in a Singapore hospital. The gifts arrived on the day of the children's own Christmas party, resulting in smiling faces all round.

Asgard's George Wall missed out on the Christmas fun. He was in Busselton, completing in the Western Australia Ironman competition: a 3.8-km swim and a 180-km bike ride followed by a

marathon, just to make it a proper day out. George's effort raised a large sum of money for the club. Special thanks go to all that gave generously.

The start of the Year of the Goat heralded the club's annual general meeting.

John Davies graciously agreed to keep serving as chairman. John and some other familiar figures are joined on the committee by a few new faces.

We thank those committee members that stepped down for their hard work over the preceding year.

Building on their sporting endeavours last year – and perhaps to help shed their Christmas and Lunar New Year physiques – a Lighthouse Club Singapore team entered the Urbanathlon, a 14-km race that put nine different obstacles in their way – the obstacles ranging from scrambling nets to leaps of faith.



Singapore shimmies to a Brazilian rhythm at the annual dinner and dance



All attention turns to the next stage of the annual dinner and dance



St Patrick's Day adds an Irish tinge to the March get-together



The club's Urbanathlon athletes celebrate spotting a camera



Bangkok helps keep teachers in school

The Lighthouse Club Bangkok uses its monthly events to support teachers funded by Father Joe Maier of the Human Development Foundation and the Mercy Centre who work at the Prakkasamai School in Samut Prakan province.

Children there are from families employed on nearby construction sites. So far the club has given the Human Development Foundation 860,016 baht (US\$26,510).

The club's monthly networking meetings are typically sponsored by one of the construction companies in the city.

The gatherings are held in the Clubhouse Bar in Sukhumvit Soi 23 where, upstairs, a certain amount of privacy and a sound system allow the sponsors to present their goods or services.

The club also hosts a late lunch on the last Friday of each month, often at the Clubhouse Bar or elsewhere.

The club has a Lighthouse Golf Society. The members of the society play a game each month. The society is financed by subscriptions and fines.

Our event sponsors this year are: Kawarau Consulting, Radcon, RSM Thailand, The Clubhouse Bar, Sika, Hafele, Ariya Pura, Anooogo Printing and AES.

The money from the monthly meetings, lunches and the golfers goes into a single bank account that is administered by RSM Advisory.

The six seats on the club committee are filled by:

Chairman: Jon Prichard

Secretary: John Pollard

Treasurer: Gareth Hughes

Committee members: Pat Gan-Hobbs, Danny Doolan, Mike Holloway



Phnom Penh steps in to help accident victim

The Lighthouse Club Phnom Penh decided in January to give a monthly allowance of US\$70 to a Cambodian who had an arm amputated as a result of an accident on a construction site in Bangkok, where he had been working illegally to earn money to support his family.

The beneficiary was 19 at the time of the accident, and had started working on the site only a few weeks earlier.

He and a cousin were hoisting a load of steel that touched a high-voltage power line 10 metres up. Both were electrocuted and then struck by the falling steel.

While the cousin made a full recovery, the club is pleased to be able to assist with the victim's rehabilitation and to help sustain his household that includes his five siblings and parents.

The club's new chairman is Euan Ritchie. Euan is originally from the west coast of Scotland. He pursued a management career in IBM before moving to Cambodia in 2008.

Euan established several businesses in Cambodia and in January last year, his company, Artisan Surface Finishes, won the exclusive right to import and apply Armourcoat wall, ceiling and column finishes. As club chairman, Euan is excited about building good business and personal relationships within the Lighthouse community in Cambodia and beyond, and is looking forward to continuing the good work the club is famous for.

We owe special thanks to outgoing chairman Colin Rogers for his dedication and commitment to the club. Colin has a longstanding relationship with the Lighthouse Club Asia-Pacific region, having become involved in Bangkok in 2006 and then going on to become chairman of the Ho Chi Minh City and Phnom Penh clubs.

He remains a member of Lighthouse Club Phnom Penh and will continue to support us.

Alexandro Hales and Jenny Andersson have joined the committee. Alexandro will be responsible for the monthly gatherings, and Jenny succeeds Janey Rogers as secretary.

The second annual Charity Golf Day tournament was held on January 30 at Garden City Golf Club, just outside Phnom Penh.

The event was a success, starting with a light lunch and finishing with dinner and raffles which raised US\$7,500 for the club.

Many thanks go to Jim Swander for organising the tournament and to the other volunteers that made it possible.

"We had representatives from several other clubs in the region but next year we would like to have a team from several more. Not only is the event our biggest fundraiser of the year, but everyone had a lot of fun," says Jim.

"We plan to hold the 2016 event on either January 22 or 29. Please save the date."



Players enjoying the game and the golf court



Jim Swander on the back of a Golf Cart organizing the tournament



Colin Rogers with the winners of the golf tournament - Im Reahul - Colin Rogers- Sangwat Heng -Touch Seang Hay



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Southern city seeks new committee members

After the Tet celebration of the start of the Year of the Goat, the Lighthouse Club Ho Chi Minh City is back to its regular schedule, holding events on the second Thursday of each month.

The club is considering presenting safety awards, with a view to the arrangements being in place in time for next year's Christmas dinner.

Club responsibilities in 2014/2015 are divided up thus:

Committee		Sub-committees and lead members	
Position	Holder	Sub-committee	Lead member
Chairman	Colin Johnston	Membership	Dave Mitchell
Vice-chairman	Alan Murray	Sponsorship and fundraising	Peter Dwyer
Secretary	[vacant]	Events	Sam Dawson
Treasurer	[vacant]	Benevolence, bursaries and education	[vacant]
Members	Carlos Smollen Chai Sion Huang Dave Mitchell Manai Ryuji Peter Dwyer Rodger Healy Sam Dawson	Web, media, ties, badges and certificates	Dave Mitchell

The two Vietnamese ladies on the committee, Nguyen Thi Thu Hang and Nguyen Thi Hue, have both resigned. They are greatly missed, not least because they performed the key roles of secretary and treasurer.

It will be hard to fill their shoes, but the committee is actively seeking replacements, as well as more Vietnamese to serve on the committee.

The idea of annual subscriptions is catching on, and we are expecting an increase in membership to 50 or 60 this year.

The programme of monthly networking events this year is:

Date	Venue	Sponsor
February 5	The Orient	CST – well attended
March 12	The Orient	Jordahl – well attended
April 9	The Orient	Konia
May 14	The Orient	[tba]
June 11	The Orient	[tba]

The club is actively seeking more corporate sponsorship for its events, including its networking events, and looking for supporters for the Christmas dinner.

The club now has funds for benevolent purposes amounting to 375,000,000 dong, or about US\$17,900.

We continue to support the Saigon Children's Charity, sponsoring five children belonging to poor families for the second year in a row. The money allows them to continue their tertiary education in construction-related fields. Our commitment to this charity is 42,000,000 dong a year.

We also continue to sponsor the academic careers of four students at the Ho Chi Minh City University of Architecture, who are now in their third year.

Further benevolent activities are being considered, including Internships for students or recent graduates, office or site visits, safety seminars, vocational courses and supporting the son of a former construction worker who hopes to become a civil engineer.

The branch webpage has been added to the Lighthouse Club Asia-Pacific region website. The page gives information on club events, club membership and the club committee, including seats that need to be filled.



Brains and brawn on display in Manila

The Lighthouse Club Manila started the year with a spicy evening of curry and quizzes at the Marriott Hotel on January 22.

Teams with ridiculous names debated how to answer the questions, intent as they were on dining and showing off their general knowledge.

A good time was had by all 21 members, two guests and 51 non-members that attended, and another quiz night is planned for later in the year.

The evening also delivered a reminder of the club's charitable aims. Leighton Philippines secretary Gemma Basilan expressed her thanks for the financial support the club gave her last year to complete a course of treatment for cancer. She told members she is doing well and is free of the disease.

The evening added Turn Key Hospitality Services Group to the roster of silver members, and raised 9,349 pesos at the door and 34,265 pesos in donations.

A get-together at the Marriott Hotel on February 12 was an evening of welcomes and farewells. We bid farewell to administrator Lhai Eugenio, who stepped down after toiling with devotion for the past seven years, and we welcomed Mary Anne Manuel, who replaces her. The evening was sponsored by Forsspac. Coffral Access and Shoring joined the club as a gold member and SteelAsia joined as a silver member.

Attendance was 25 members, two sponsors and 19 guests. The food and drink were excellent but, as usual, the best aspect was the company.

The raffle raised 37,340 pesos. The money will help support scholars and go to other charitable causes.

Easter fun was the theme of the March 19 gathering at the Marriott Hotel, which was sponsored by RMD Kwikform. We said goodbye and good luck to Stephen Bennet, who stepped down as club chairman, and his wife Lavul. Samuel Powell is the new chairman.

The raffles and auctions, made possible by the generosity of the 63 members and guests that attended, raised 129,404 pesos.

The club raised more than 100,000 pesos from a raffle and donations during the Manila 10-a-side rugby tournament, held at the Nomads ground over the third weekend in March. TKHS and Freyssinet were the sponsors. We thank RMD Kwikform for its generosity and hospitality in letting club members use its VIP box.

The learning curve

The Lighthouse Club Manila now supports 30 students at various stages of their academic careers. One, LJ Reyes, has been given a kindergarten scholarship. Two will be applying for college grants, having graduated from high school. Four have obtained college degrees, so the club now has four college scholarships to award.

The club has also been planning a charitable programme for the eastern Philippine city of Tacloban, which was gravely battered by Typhoon Haiyan in 2013, with great loss of life.

The club now has 29 bronze members and 38 gold or silver members. Gold membership costs 40,000 pesos, silver membership 20,000 pesos and bronze membership 5,000 pesos. The club holds social nights at the Marriott Hotel on the third Thursday of each month.



WA branch moves onto the terrace

WA branch moves onto the terrace

The Western Australia Branch has enjoyed a strong start to the year with get-togethers in January, February and March sponsored by Driver Trett, Aquenta Consulting and Clyde & Co.

McLachlan Lister and FTI Consulting will sponsor the April and May gatherings.

The inaugural black-tie dinner will be held on August 21 at the Parmelia Hilton in Perth. It's exciting to be involved with such a prestigious event.

The branch has already garnered support from the business community, with the generous donations ranging from an impressive piece of jewellery to exclusive stays at hotels and artwork from Australian artists.

If you would like more information, please contact one of the Australian Lighthouse Keepers.

Since January, the meetings have been held at the Terrace Hotel. It was an enforced move, as the previous venue is undergoing a prolonged refurbishment.

So far, the Terrace Hotel has been a phenomenal venue and thanks have to go to everyone there for their support.

Upcoming meetings:

- April 23 – Sponsored by McLachlan Lister (Hill International)
- May 28 – Sponsored by FTI Consulting
- June 25 – Sponsor to be announced

Further ahead, we have sponsors for a full year of meetings where, as usual, we expect to see new members and fresh faces. Do come along.



Sydney summer evenings draw a crowd

The New South Wales branch has had a positive start to the year after a year of monthly events throughout 2014.

We're continuing our efforts to increase attendance at meetings, establish a broad membership base and secure event sponsorships.

February's event, on a warm late-summer evening, was well supported by old and new faces. The get-together was kindly sponsored by Total Contract Management.

Last month's meeting was backed by Aquenta Consulting. Each event begins at 6pm on the third Thursday of each month at The Rooftop Terrace, Metropolitan Hotel, 1 Bridge Street, Sydney.

Upcoming meetings:

- April 16
- May 21
- June 18
- July 16



Good news travels fast in Queensland

The Queensland branch has held four get-togethers since our last report.

We would like to thank CBP Lawyers and Aquenta Consulting for sponsoring the November and January meetings.

Members also met for a Christmas event in December.

The New Year began with a strong turnout at the January 22 meeting, which is further evidence of how quickly news of the Lighthouse Club has travelled in the Sunshine State.

Thanks to the Australian Building and Construction Dispute Resolution Service for their generous sponsorship of the event on February 19, which coincided with the annual general meeting. Many

thanks to CBP Lawyers for sponsoring the get-together on March 19.

The annual general meeting saw a new leadership team elected. They are:

- President - Paul Roberts
- Vice-president - Chris Watson
- Treasurer - Jennifer Wyatt
- Secretary - Suzy Cairne

We congratulate each of them and would like to thank them in advance for volunteering to give their valuable time to the Lighthouse Club.

The next fundraising get-togethers are April and May 21, sponsored by Driver Trett and McInnes Wilson Lawyers.



Kuala Lumpur heads towards 100

The Lighthouse Club Kuala Lumpur had 60 ordinary members and two corporate members by February. More potential members are planning to join and the committee's goal is to push membership up to 100.

The monthly get-together at El Sid's on March 5 was a great opportunity to celebrate the Lunar New Year, and more than 80 members and guests attended. The event is covered in a separate report in this issue.

The club's annual general meeting took place on February 5 at Jarrod and Rawlins Bangkung. The meeting saw a new committee elected.

President: Roderick Noble
Vice-president: Stephen Healey
Treasurer: Lim Ling Ling
Secretary: Bert de Munck
Assistant secretary: Clarise Low
Committee members: Evan Ho, HT Ong, Anthony Edwards, Ravendran Rasalingam

The new committee wishes to thank former president John Arkinstall, who is now in Peru, and two long-serving committee members and officeholders, Mike McIver and Tan Swee Im, for their hard work and continuing support of the club in Kuala Lumpur and across the Asia-Pacific region.

See what we are up to at www.facebook.com/LighthouseClubKL

Dancing lion, roasting pig start Year of the Goat

Last month's meeting was unusual in that it coincided with the last day of the Lunar New Year holidays, so it was an occasion for celebration in Kuala Lumpur.

More than 100 members and guests gathered at our regular venue, El Sid's pub.

El Sid's keeps improving, the latest addition being a beer garden with more outdoor seating – and the extra seats were needed for such a big turnout. We owe El Sid's a huge thanks for sponsoring the finger food and a barrel of beer.

The evening's main sponsors, BK Burns & Ong, a subsidiary of BK Asia Pacific, and Entrusty Group, made sure that everyone had an unforgettable time.

They sponsored a Lion Dance, a whole roast pig, raffle prizes that included wine and an 18-year-old whisky, mandarin oranges and traditional snacks for Chinese New Year.

It was a novelty for many of the members to see the roast carved in front of their eyes by a skilled butcher. The roast was in great demand, but there was just enough to go round.

The evening was a huge success not only for the club's fundraising effort, but also for the Ti-Ratana Welfare Society that helps the elderly, women and orphaned children.

The Lion Dance was performed by orphaned children between the ages of five and eighteen who are in the care of the society. Their performance came complete with a jovial God of Prosperity.

The children did a fine job of manoeuvring around the busy pub, interacting with club members and guests and making the evening truly special and memorable.

Thank you to each of the members that donated money to the society. Your generosity will help fund health clinics, care homes and orphanages.

The Lighthouse Club Mount Kinabalu climbers are also happy to announce they have their first platinum sponsor. CTE Ltd presented their cheque at the meeting.

The club welcomes other challenges and sponsorship for the Mount Kinabalu climb in June.

The Lighthouse Club Kuala Lumpur wishes a prosperous New Year to all its members and guests, and to all its sister clubs.



(left)
First cut of the roast pig by Mike McIver (past-president), Matthew Tee (president Master Builders Association Malaysia), HT Ong (main sponsor of the night), Stephen Healey (vice president LHC KL), Geoff Siddle (El Sid's - sponsor)

(bottom)
The Lions posing with Stephen Healey, Matthew Tee, HT Ong, Geoff Siddle



Anti-heat stress construction uniforms developed in Hong Kong

In Hong Kong, local construction workers have to work outdoors for long hours under hot and humid weather conditions during many months of the year. To alleviate their strain, a research team led by Professor Albert Chan of The Hong Kong Polytechnic University (PolyU) Department of Building and Real Estate (BRE) aimed to develop suitable clothing that met industry specific requirements.

After testing the properties of over 30 types of fabric available in the market, the team discovered that Coolmax fabric was most suitable for producing the T-shirt. As for trousers, the team used a new generation of moisture-management textiles made from nano-materials. Retro reflective strips are printed on both sides of the T-shirt and trousers to cater to the needs of the construction industry.

To evaluate the effectiveness of the anti-heat stress uniform in protecting construction workers from hot and humid weather, during February – May 2014, the PolyU team invited 12 participants to put on the whole set of uniform for testing inside a climatic chamber (34.5 degree Celsius; 75% humidity). The quantitative results showed a remarkable reduction of physiological strain by 16.7% and body heat storage by 28.8% over conventional workwear, with participants having lower core temperatures and skin temperatures, and better physiological strain indices. A field study

undertaken during July-August 2014 with the participation of 184 construction workers revealed that the anti-heat stress uniform received over 87% support from the workers. They considered it cooler, dryer and more comfortable.

The study was jointly conducted by BRE, The Hong Kong Polytechnic University's Institute for Textiles and Clothing, as well as the Technological and Higher Education Institute of Hong Kong under the Vocational Training Council, and supported by the Research Grants Council. It is the first scientific research in Hong Kong dedicated to designing and engineering suitable clothing to protect construction workers from extreme heat and high humidity.

However this valuable academic study has now been transformed into a practical application as the PolyU has now licensed this technology to Hong Kong's Construction Industry Council, who in turn are sublicensing the technology to contractors.

So if you are concerned about the effects of heat stress on your employees or colleagues on construction sites in Asia, why not contact Hong Kong's Construction Industry Council, <http://www.hkcc.org/> to find out if this technology as well as other provisions such as sun shelters, ventilation, revised working arrangements, rest periods, potable water, etc can improve safety and production.



Shedding light on marketing

It started at the beginning of time with the stars, then mankind learned to create it with fire. Today we master it: we can change its aspect, its intensity and heat.

But what is light? Light is electromagnetic radiation visible to the human eye, and the stimulus for the sense of sight.

It is now also a huge business closely related to the construction industry.

Creative Lighting Asia (CLA) invited the Lighthouse Club Hong Kong Young Members Group to the Hong Kong Academy of Performing Arts for a product launch by ACDC Lighting System Ltd, a British global specialist in architectural LED lighting.

After a technical presentation, a light show set to music accompanied a display of the manufacturer's product range – much to the delight of the audience. A cocktail party followed, giving us the opportunity to mingle and increase our understanding of this exciting and rapidly changing business.

Light, part of the essence of our universe, is now a tool for architects and designers seeking to show off their projects. We learned that lighting design is much more than just placing bulbs to illuminate a building or a room.

Indeed, light has a bearing on human health and behaviour.

When you walk into a modern shopping mall, the lighting is designed to make the atmosphere, temperature and general ambience seem comfortable enough to tempt you to spend more of your money.

From the colour to the intensity, the range of qualities of the light is designed and controlled to make the products and their surroundings appear as inviting as can be.

Bear all this in mind when you are next out shopping, and you will see the merchandise in a different light, so to speak.



Ho ho ho and a bottle of Moët

A great night of fun and entertainment was had by all at the Christmas party put on by the Lighthouse Club Hong Kong's Women in Construction and Young Members Group. Café 8 in the Hong Kong Maritime Museum did us proud with some nice food and drink and a lovely venue that reminded us of a lighthouse.

Members were greeted on arrival by Christmas music and tables heaving with party food. Soon after, Santa Claus managed to spare us half an hour in the busiest period of the year, visiting the back of the venue and delegating the organising team to distribute gifts.

Those of us sceptical about the existence of the white-bearded, red-suited character made famous by Coca-Cola in the 1930s instead give our thanks to our generous sponsors: EC Harris, Chun Wo, Minter Ellison, DGA and Fosroc.

They made this convivial gathering even more enjoyable. The evening was replete with lotteries for great prizes. The prizes included a meal at chef Gregory Alexandre's Grain de Sel French restaurant, a pair of Beats by Dre headphones and a bottle of Moët & Chandon champagne.

The Christmas party was a huge success and a great chance to recruit new members of the club and promote fellowship within the construction industry. Everyone involved had a fantastic time.





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Monsters found in New Territories

Impressive crawler cranes and magnificent weather: what else could motivate members of the Lighthouse Club Hong Kong Young Members Group to travel to Ping Che on a Saturday morning?

Their visit to the Liebherr factory in the northern New Territories on November 15 was a good opportunity to get to know more about the company's monster cranes, which are used in almost all mega-projects around the globe.

The company began as a family business set up after the Second World War and became a world leader in construction machinery. After an introduction to the company by its sales manager, Colin Hughson, the group split up to attend two separate workshops: one to master the choice of cranes at the tendering stage and the other to learn the difference between lift cranes and duty cycle cranes.

After a look at the production process, the visit took a practical turn when we were taught how to operate the cranes, under the supervision of a qualified operator. We came to appreciate the ergonomic and safety features of Liebherr equipment.

A look at the maintenance workshop was followed by lunch and a prize draw that left the winner the owner of a miniature HS 885 HD duty cycle crawler crane.

Thank you, Colin and Liebherr, for making the visit possible.



Chinese New Year Dinner

A wonderful evening was enjoyed once again during the Lighthouse Club HK Chinese New Year Dinner 2015 held this year in the Members Stand I, Happy Valley Racecourse on Friday 13th March 2015.

Following pre-dinner drinks, Dave Parkin called the evening to order and announced the program which included a delicious 10 course meal, delightful wines and other beverages and a super lucky raffle with a real gold coin as first prize, generously donated by HILTI!

Choi Sun made a guest appearance to help the Lighthouse Club committee toast each of the tables and I'm convinced nobody could guess Choi Sun's true identity?!!

The colorful donation envelopes made their way around the room to collect for the Benevolent Fund and a huge thank you once again goes to our kind and generous corporate supporters and individuals who took seats and tables at the event which raised more than HK\$32K on the night!



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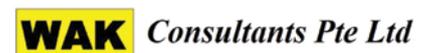
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Forthcoming Events

of Spring/Summer 2015

April

Thursday 2

Kuala Lumpur Monthly Get Together
El Sid's, Damansara, 1 Jalan Setiapuspa

Sunday 5

Singapore Amazing Race
Dhoby Ghaut Green, 20 Penang Road

Wednesday 8

Macau Monthly Social Gathering
R-Bar, G/F Hard Rock Hotel, City of Dream, Taipa

Thursday 9

Ho Chi Minh City Networking Drinks
Orient Bar, 24 Ngo Van Nam, Ho Chi Minh City

Friday 10

Hong Kong Monthly Get Togethers
Insiders, 17 Fenwick Street, Wanchai

Thursday 16

Manila Monthly Social Event
Marriott Hotel, No. 10 Newport Boulevard,
Newport City Complex

Brisbane Monthly Get Togethers

Pav Bar, Stamford Plaza, Corner Margaret and Edward Street

Sydney Monthly Get Togethers

The Rooftop Terrace, Metropolitan Hotel,
No. 1 Bridge Street

Thursday 16

Melbourne Monthly Get Togethers
Belgium Beer Cafe, Southbank

Thursday 23

Perth Monthly Get Togethers
Terrace Hotel, 237 St. Georges Terrace

Friday 24

Macau Annual Dinner
Salão do Teatro, 2/F Grand Hyatt Hotel,
City of Dream, Taipa

May

Thursday 7

Kuala Lumpur Quiz Night
Guinness Anchor Tavern brewery, Sungai Way

Friday 8

Hong Kong Monthly Get Together
Insiders, 17 Fenwick Street, Wanchai

Wednesday 13

Bangkok Networking Event
The Clubhouse, 21/1-3 Soi Sukhumvit 23

Hong Kong One Day Construction Conference
"Managing Health & Safety and Commercial
Risks Effectively"

Hong Kong Convention and Exhibition Centre, Wan Chai

Wednesday 13

Macau Monthly Social Gathering
R-Bar, G/F Hard Rock Hotel, City of Dream, Taipa

Thursday 14

Ho Chi Minh City Networking Drinks
Orient Bar, 24 Ngo Van Nam, Ho Chi Minh City

Saturday 16

Asia Pacific Region Annual General Meeting
Tanglin Club, Singapore

Singapore Curry Night

Singapore Indian Association, 69 Balestier Road

Thursday 21

Brisbane Monthly Get Togethers
Pav Bar, Stamford Plaza, Corner Margaret and Edward Street

Thursday 21

Manila Monthly Social Event
Marriott Hotel, No. 10 Newport Boulevard,
Newport City Complex

Melbourne Monthly Get Togethers

Belgium Beer Cafe, Southbank

Sydney Monthly Get Togethers

The Rooftop Terrace, Metropolitan Hotel, No. 1 Bridge Street

Thursday 28

Perth Monthly Get Togethers
Terrace Hotel, 237 St. Georges Terrace

Friday 30

Hong Kong Annual Charity Ball
Hong Kong Convention and Exhibition Centre, Wan Chai

June

Thursday 4

Kuala Lumpur Monthly Get Together
El Sid's, Damansara, 1 Jalan Setiapuspa,

Friday 5

Hong Kong Monthly Get Together
Insiders, 17 Fenwick Street, Wanchai

Wednesday 10

Bangkok Networking Event
The Clubhouse, 21/1-3 Soi Sukhumvit 23

Wednesday 10

Macau Monthly Social Gathering
R-Bar, G/F Hard Rock Hotel, City of Dream, Taipa

Thursday 11

Ho Chi Minh City Networking Drinks
Orient Bar, 24 Ngo Van Nam, Ho Chi Minh City

Thursday 18

Brisbane Monthly Get Togethers
Pav Bar, Stamford Plaza, Corner Margaret and Edward Street

Manila Monthly Social Event

Marriott Hotel, No. 10 Newport Boulevard,
Newport City Complex

Melbourne Monthly Get Togethers

Belgium Beer Cafe, Southbank

Thursday 18

Sydney Monthly Get Togethers Melbourne Hotel,
942 Hay Street from 5.30pm to 7.30pm

Thursday 25

Perth Monthly Get Togethers
Terrace Hotel, 237 St. Georges Terrace

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