

ASX Announcement

24 February 2017

Presentation to HKNOG – TKO Express

Superloop Limited (**ASX: SLC**) is pleased to advise that Executive Chairman and CEO Bevan Slattery is presenting today at HKNOG 4.0 2017, Hong Kong Network Operators' Group conference.

Mr Slattery is presenting Superloop's TKO Express Undersea Cable System. We attach a copy of his presentation.

ADDITIONAL INFORMATION

For further comment or other information please contact:

Investor enquiries:

Telephone: +61 7 3088 7300

Email: investor@superloop.com

About Superloop

Superloop is a leading independent provider of digital services in the Asia Pacific region.

The Group owns and operates over 540km of fibre networks in Australia, Singapore and Hong Kong, connecting over 70 of the region's key data centres. The network is continually expanding with further diverse connections recently completed to the Singapore Exchange, IO and NTT data centres in Singapore.

In Hong Kong, Superloop has established a 110km fibre optic network to initially connect 30 strategic sites including the Hong Kong Stock Exchange data centre. The Company has constructed TKO Express, the first submarine cable to connect the traditional carrier hotels located in Chai Wan on Hong Kong Island and the data centre campus located at Hong Kong Science and Technology Park's Tseung Kwan O Industrial Estate on the mainland, providing much needed physical diversity and a low latency path between Hong Kong's major finance and technology hubs. TKO Express is the world's largest fibre core count subsea cable system.

The Group also operates businesses including BigAir Group, APEXNetworks and CINENET Systems.

For more information, visit: www.superloop.com



HKNOG

TKO
EXPRESS

UNDERSEA CABLE SYSTEM

Superloop has built advanced networks in Australia, Singapore and Hong Kong.

Why are we building a submarine cable system across Victoria Harbour?



Hong Kong Network

Superloop's network design is:

- Local loops (campus networks) interconnected.
- Primary campus networks (Tsuen Wan, Chai Wan and the TKO Industrial Estate and key business district of Hong Kong).
- The design criteria for Superloop's network is low latency, diverse, and fully redundant paths.

During Superloop's network design, a critical network diversity limitations at the TKO Industrial Estate were identified.

TKO Industrial Estate

Strategically important telecommunications and media hub for Hong Kong and purpose-designed landing point for international telecommunications cables.





Chai Wan

Sino Favour Centre is occupied by HKCOLO Data Centre and is a Meet Me Room for many local and international carriers.

Mega-i is one of the largest Tier 3+ Internet Service Center buildings in the world, the International Telecom Gateway of Hong Kong, and one of the first Carrier Hotels in Hong Kong.

TKO Express Benefits

The TKO Express Cable is **the only diverse path** between the key data centres in TKO Industrial Estate and Hong Kong Island.

TKO Express significantly **increases network security and resilience** by providing a high information carrying capacity cable system using an alternative path at another geographic location.



TKO EXPRESS



Approach to the Project

TKO Express - Approach to the Project

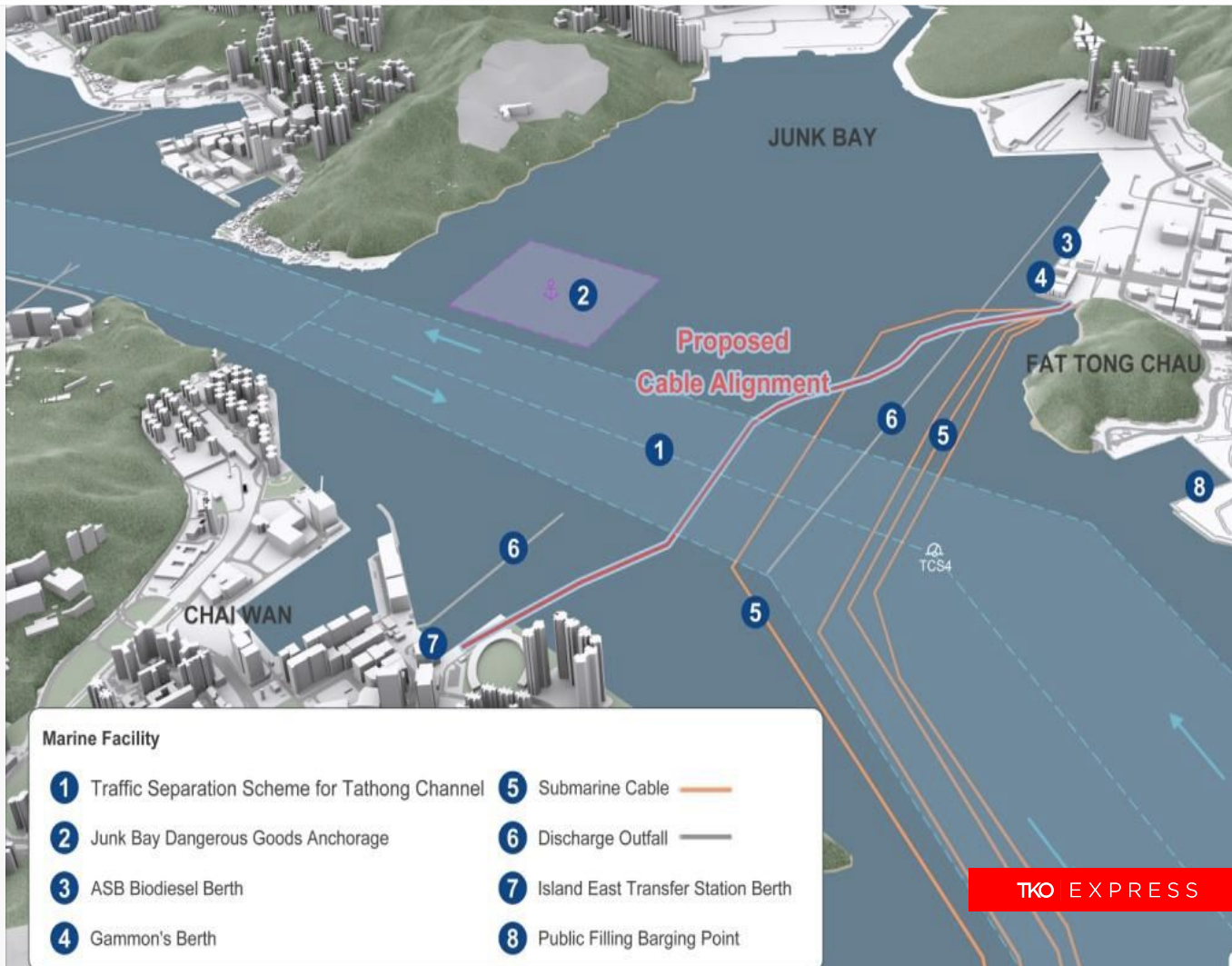
- **Started** looking at a diverse path between key data centres in TKO Industrial Estate and Hong Kong Island in **2014**.
- Design and Permitting Process for the selected sites started mid 2014.
- The project was planned, designed and built **fully in house** - Superloop had staff with these skills which helped produce a cost effective and optimum design that achieved our full requirements.
- **Specialists brought in at key points** of the project to provide advice during the planning and design and construction (eg. contract support, cable procurement, environmental support, landscape support, etc.)
- **Early engagement with Contractors** (Including Hong Kong Marine) during the Planning and Design Stage created the best design possible for a challenging area and provided a strong partnership that took us through the successful construction of the TKO Express Cable System.

TKO EXPRESS



「Planning & Permitting」

Site Selection & Route Planning

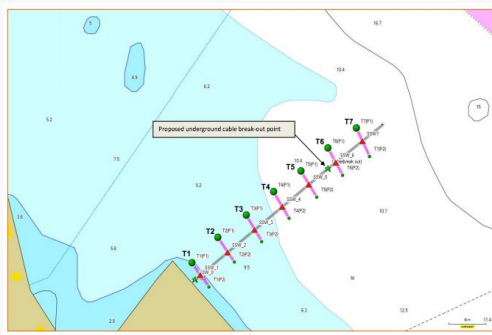
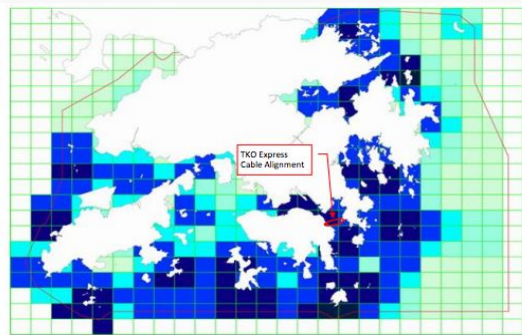
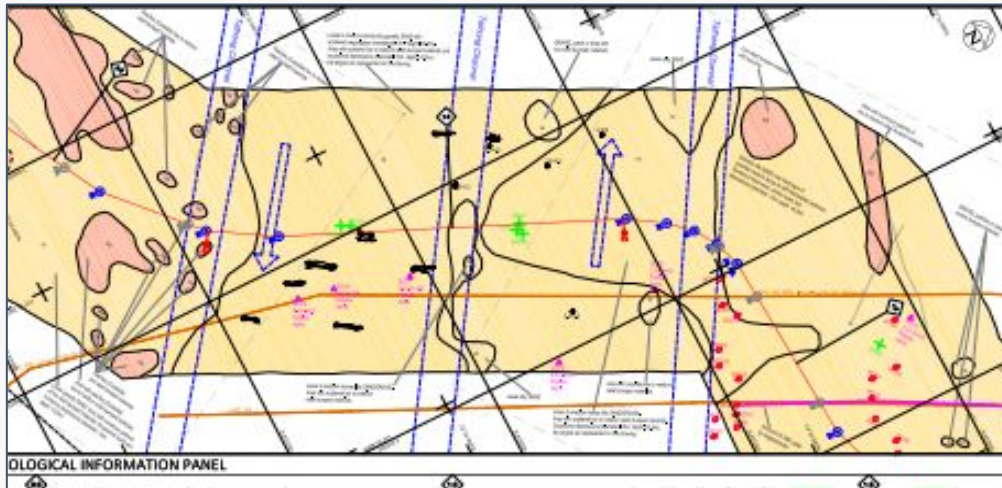
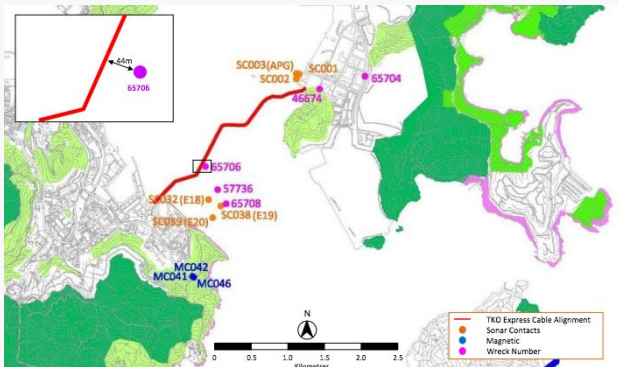


Marine Facility

- | | |
|---|--------------------------------------|
| 1 Traffic Separation Scheme for Tathong Channel | 5 Submarine Cable |
| 2 Junk Bay Dangerous Goods Anchorage | 6 Discharge Outfall |
| 3 ASB Biodiesel Berth | 7 Island East Transfer Station Berth |
| 4 Gammon's Berth | 8 Public Filling Barging Point |

Surveys / Investigations

HK NOG 4.0



Permits / Approvals / Agreements



古物古蹟辦事處
Antiquities and
Monuments Office



渠務處



WWF



土木工程拓展署
Civil Engineering and
Development Department



水務署
Water Supplies Department



屋宇署
BUILDINGS
DEPARTMENT



康樂及文化事務署
Leisure and Cultural
Services Department



China
unicom 中国联通



Sai Kung
District Council



Eastern
District Council



中国移动
China Mobile



環境保護署

Environmental Protection Department



NTT Communications

Transform. Transcend.



HKSTP Technologies



Friends of
the Earth



漁農自然護理署
Agriculture, Fisheries and
Conservation Department



海事處
Marine Department



運輸署

Transport Department



規劃署

Planning Department



通訊事務管理局辦公室
OFFICE OF THE
COMMUNICATIONS AUTHORITY

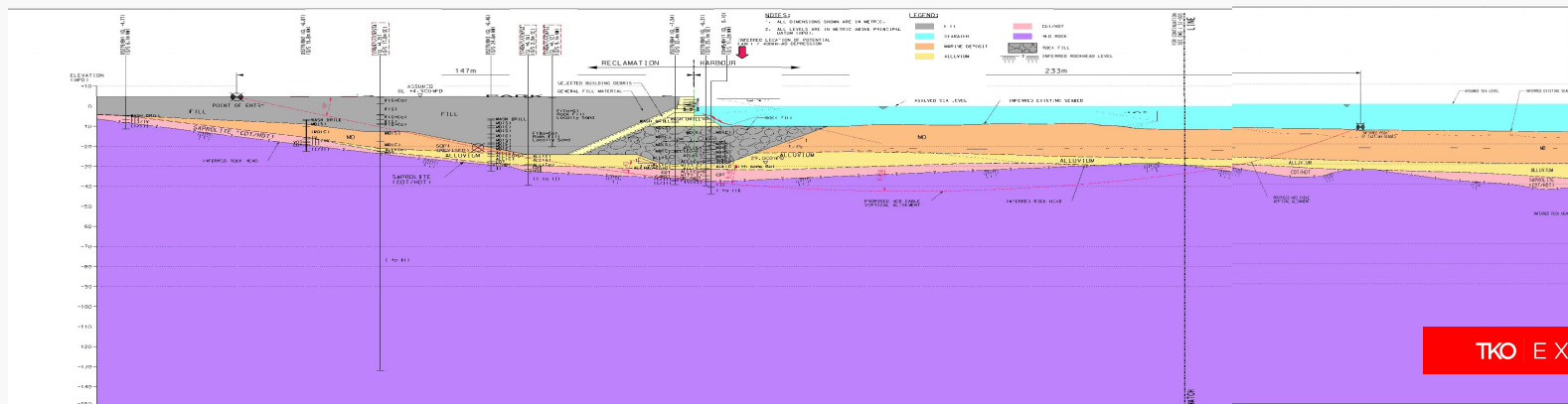
TKO EXPRESS



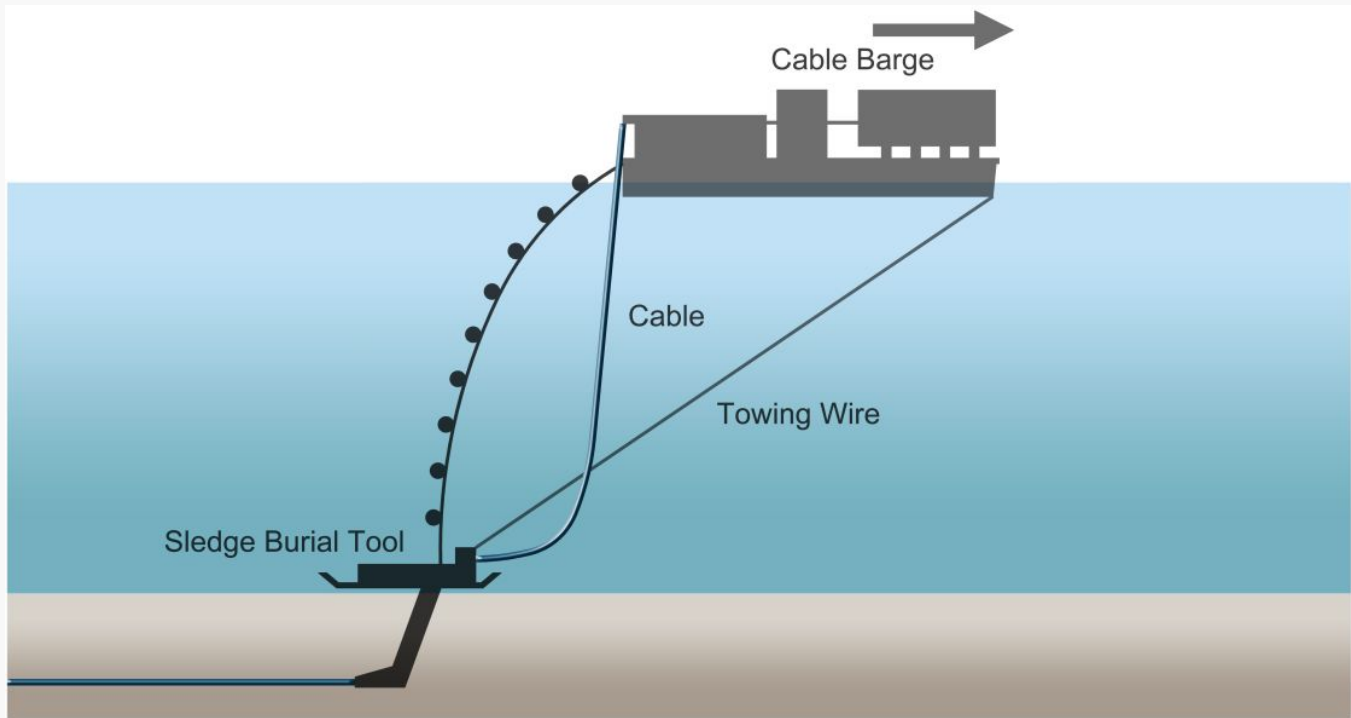
Design
Stage

Beach Manhole Construction - Horizontal Directional Drilling

HK NOG 4.0



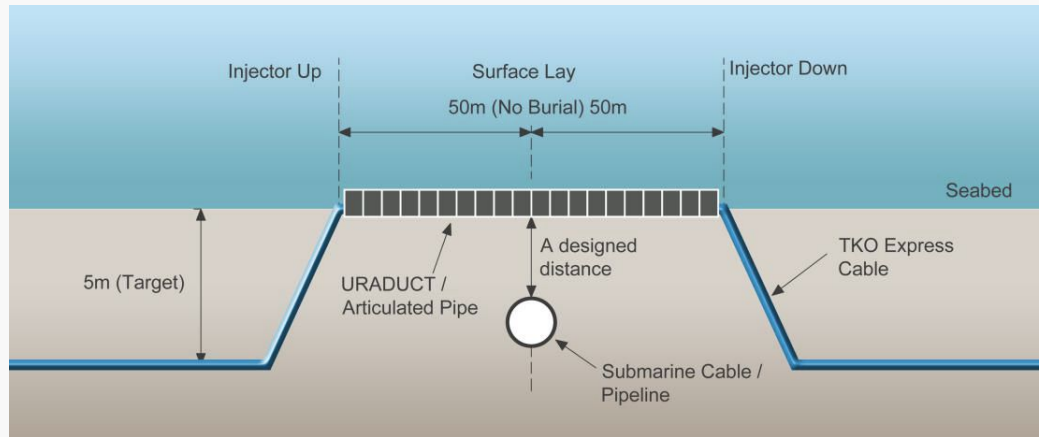
Marine Installation



Cable Protection

Due to the marine uses in the area a cable protection plan was developed to add additional protection to the cable system in addition to the double armour system built into the cable.

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Uraduct



Articulated Pipe



Cable Selection



TKO EXPRESS

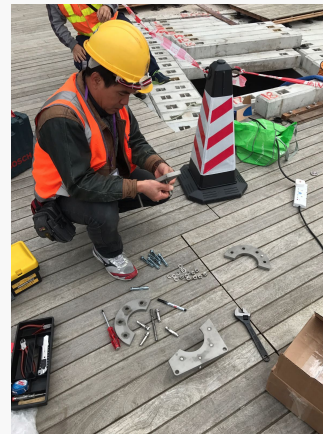
Construction

Siu Sai Wan Beach Manhole Construction



TKO Beach Manhole Preparation

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Marine Installation



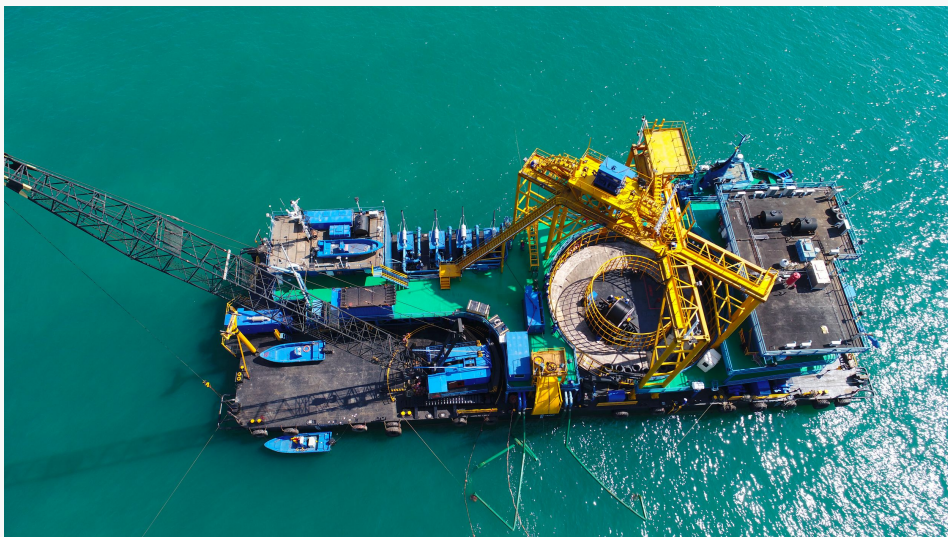
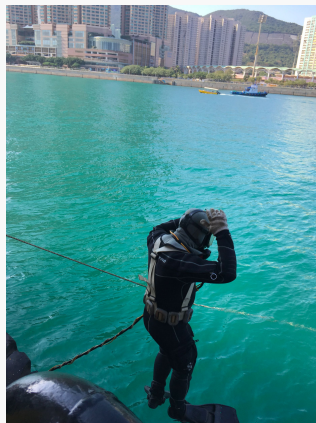
Challenger 8 Preparing to Install the TKO Express Cable

Dragon 55



Pearl River Guard Boat

TKOExpress Installation



TKO Express

- Successfully installed 19th Feb 2017
- Provides the only true geographical diversity for the TKO Industrial Estate - increasing security and reducing risk
- It's the shortest path linking the HK Stock Exchange with the Central Business District.
- 20km shorter than any other terrestrial path from Chai Wan to Tseung Kwan O



TKO Industrial Estate Connection



TKO
EXPRESS

 superloop