



# Innovative Vega Solution

## BLCP, THAILAND

PEL-6 , VEGAWEB



## BACKGROUND

BLCP is an independent power producer located at the Map Ta Phut Industrial Estate, in the Rayong province on Thailand's east coast. There are multiple power companies producing electricity and fuel in this estate, for distribution across all of Thailand.

The coal and other raw materials for BLCP to process, are delivered via a channel that runs alongside the site, where ships dock at its jetty. The navigation lights to guide the approach to the jetty historically included two conventional lead lights fixed to a tubular steel tower.

A new terminal was developed in 2007 by the PTT LNG Company to facilitate the delivery of Liquefied Nitrogen to the estate. This terminal was built adjacent to the BLCP power station, which meant the existing lead lights needed to be relocated.

The new approach involved two new lead lights, which were placed on land, which the new terminal occupies. BLCP and PTT LNG now share the channel.



## SOLUTIONS

Vega's local channel partner Saftrol Limited installed an innovative Vega solution in 2009, which included:

- PEL-6-3.5D with oscillating boundary
- PEL-6-5D with oscillating boundary
- Solar powered Large VegaWeb with GPRS

The system was designed to make the best use of the limited space available, which was rented from the Industrial Estate Authority of Thailand. The solution relies on the optical design of the PEL-6 to provide the precision sectors required to safely guide ships in and out of the approach. Vega's PEL Precision Sector Lights were the only way to meet the requirements of the solution.

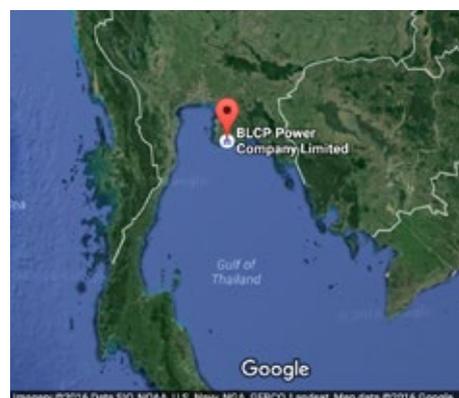


# OUTCOMES

The result of this installation has seen improved performance for the jetty approach, through efficient use of the limited space available.

The two PEL-6 Precision Sector Lights installed with VegaWeb monitoring, with GPRS modems can be switch on and off remotely which mean that they need only be turned on when ships are approaching the jetty, cutting down the maintenance and operating costs.

When assessing suppliers for this project, BLCP were looking for high optical performance, reliability and quality. The reputation of Vega products, along with the proven track record of the PEL lights (known to be capable of 20+ years of service life) were a compelling and successful choice



PEL-6



VEGAWEB



# MEET THE TEAM

Vega's local channel partner Saftrol Company Limited were chosen to install the lights due to their proven track record in aids to navigation installations in Thailand. Their capability with after sales service and reputation was also a key factor.



## VEGA PRODUCTS

Vega has an extensive range of products to ensure safe movement by sea, air and land.

Vega offers a range of products for aids to navigation solutions all over the world in a variety of environments, from beaches, to rocky coasts and everything in between. With over 900 PEL Precision Sector Lights installed globally we will provide you with the solutions you need.

Vega's PEL Precision Sector Lights have powerful optics and have range of 6NM to 26NM. Other popular sector lights are,



PEL-3 Precision PEL



PEL- 4 Precision LED PEL

## SPECS

### Multiple PEL-6 installation with a Large VegaWeb with GPRS

- Coordinates: Latitude 12.644  
Longitude 101.161
- Managing Organization: BLCP
- Current Use: Active aid to navigation
- Date Established: 1855 (British)
- Flash Character : Fixed character

For more information on these or other Vega Products go to [www.vega.co.nz](http://www.vega.co.nz).



**Telephone:** +64 4 238 0200 **Fax:** +64 4 237 4392

**Email:** [sales@vega.co.nz](mailto:sales@vega.co.nz) [www.vega.co.nz](http://www.vega.co.nz)

21 Heriot Drive, Porirua 5022  
Wellington, New Zealand

*Vega maintains ISO 9001:2008 Quality Management System Certification for design and manufacture of all its products. Vega is an Industrial Member of the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA).*