



TRELLEBORG SUPPLIED TAILOR-MADE FENDER SOLUTIONS TO THE LANGKAWI JETTY UPGRADE PROJECT

After over a decade of facilitating the berthing of visiting cruise ships, Trelleborg's marine and infrastructure operation has replaced the existing fenders, installed in 1997, at Star Cruises Langkawi Jetty, with its Super Cone Fenders (SCN).

Located on the south coast of Langkawi, some 30 km off the mainland coast of northwestern Malaysia, the jetty serves around 100 vessels per year.

Following 15 years of operation, Star Cruises asked Trelleborg to replace the existing fenders enabling the jetty to accommodate larger cruise vessels.

Trelleborg worked in close collaboration with the EPC contractor and supplied a tailor-made fender solution that could effectively meet the combination of requirements. This included uneven wharf surface and berthing line and a short turnaround to complete the upgrade. Steel adaptors with Trelleborg's SCN Fenders at different lengths were used, enabling an even fender line. The SCN fenders were custom-designed and measured on site with the support of an engineer from Trelleborg to ensure the project was executed error-free, on time and on budget.

Richard Hepworth, President of Trelleborg's marine and infrastructure operation, said: "It's testament to the success of the solutions we have previously supplied for the Langkawi Jetty that Star Cruises awarded us the contract for the latest batch of fenders. With vessel sizes increasing, infrastructure needs to keep up and Star Cruises is ensuring exactly that."

Trelleborg's SCN are the latest generation of 'cell' fenders. The conical body shape makes the SCN very stable even at large compression angles and provides excellent shear strength. With overload stops the SCN is highly resistant to over-compression.

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