



POINT2POINT

Global Logistics Solutions

To ensure these massive 170T engines would be able to safely traverse the 11km route from the port to the jobsite, fly-over bridges were utilized to support existing structures.



UTC Overseas Sponsors VIP Reception for Mozambique Business Forum honoring President Nyusi

On September 16th UTC Overseas was one of the sponsors of the VIP Reception & Dinner for the Mozambique Business Forum held by



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UTC COMPLETES THREE GEN-SET DELIVERY IN CARRIBEAN

Transporting three 170-ton engines, three 50-ton generators and 2,000 cubic meters of accessories from Europe to the British Virgin Islands is no easy task – but UTC’s expert teams were up to the challenge! Coordinated by the UTC Global Team, the three enormous engines were loaded onto a heavy-lift vessel in Trieste, Italy. The 2,000 cbm of accessories were shipped by coaster vessel from Finland. UTC’s Global Chartering Division arranged the meeting of the heavy-

lift vessel and coaster vessel in Cadiz, Spain to consolidate the cargo into the heavylift vessel for the transatlantic leg to Tortola, BVI. This allowed the engines and accessories to be delivered to Port Purcell as one convenient lot.

Once the project cargo was received in port, the engines were temporarily stored on stools with beams and steel plates placed underneath to help distribute their extreme weight. The engines and ancillary components were then

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the Greater Houston Partnership. Speaking to leading oil and gas industry professionals, President H.E. Filipe Jacinto Nyusi stressed the importance of developing strong economic links with American companies, stating that “further partnership is needed to realize the true potential” of Mozambique’s business environment. Mozambique is home to the third largest natural gas field in the world, having the potential to substantially enhance the lives of millions as the fields start to produce for markets around the world. UTC has established an office in Mozambique to better serve their clients needs and to further explore business opportunities in this emerging market.

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delivered to the jobsite, one by one, using a 14-axle SPMT which UTC mobilized from Guatemala.

Though the route from Port Purcell to the jobsite only spanned 11 kilometers, it was fraught with obstacles. Over 220 power lines and cables would need to be removed or lifted to a height of 7m in order for the transport to be able to clear. The 11km trip also included six bridges, three of which would require a “fly-over” bridge due to the existing structures having insufficient bearing capacity to support the total weight of the transport.

Two 5MT fork-lifts were required to place the fly-over bridges, which were 12m and 6.5m in length. Using two 30’ cranes in a tandem lift to position it, the first 12m fly-over was placed before transit began; allowing the fork-lift team to move to the next juncture and place the second 6.5m fly-over prior to the transport arriving. After the transport containing the engine passed the second fly-over bridge, it parked in a staging area just before the third bridge. At this point, the fork lift team worked speedily to remove the 6.5m fly-over from the

second juncture and carefully transfer it to the third, allowing the transport to safely pass all 11 kilometers. The fork-lift team then returned to clear the first 12m fly-over bridge, freeing the road for regular traffic.

Once the engines were delivered to the jobsite, they were stored in a similar manner to how they were in the port, awaiting delivery to the engine hall. After the engines were moved into their new home, the 14-axle SPMT returned to port yet again to deliver each of the 50-ton generators. When the delivery of the generators was complete, the trailer was reconfigured to 8 axles. This increased maneuverability within the jobsite allowing it to move the gensets onto their foundations. Positioning the engines and generators for delivery to foundation and coupling necessitated precise measurements, the placement of steel plates for weight distribution, and 100T-150T hydraulic jacks. The combined effort of this careful preparation ensured that these vital components were in place, on time and ready to get to work!



Diverting traffic and removing over 220 overhanging obstacles, the crew works through the night to deliver 170T engines via 14-axle self-propelled modular trailer.

