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ALE COMPLETE MINE TRANSPORT PROJECT IN SOUTH AFRICA



ALE has successfully transported 30 components making up two new Sandvik bucket wheel stacker reclaimers inside Richards Bay Coal Terminal, South Africa in June.

The components weighed between 16t – 139t and ranged in dimension, with the widest measuring 10m, the highest measuring 18.9m and the longest measuring 63m.

ALE received the components with the ship's gear at Richards Bay Coal Terminal and transported them 1.2km to the laydown area using 28 axle lines of SPT in a configuration of 4 file 14. The lighter components were staged at the quay and loaded with a reach stacker or mobile crane onto 8 axle lines of conventional trailer.

There were two heavylift items, the tripper car and the bucket wheel boom (measuring 63m long), that were transported in specialised support frames so they could be carried at height to clear obstacles on the route.

“During the project we worked very closely with the client to find a solution that would reduce the road works as much as possible. By designing a bespoke support frame for the particularly long components, we could provide a solution that could clear the route,” explained Project Manager Vivian Young.

“We also faced the challenge of working within a confined space at the port, with limited storage facilities. This meant that we had to devise a plan to transport all pieces directly to site within a short period of time of six days. This project demonstrates our capabilities within the mining sector to deliver a bespoke and quickly-mobilised transport solutions.

It took just eight days to receive and deliver all 30 components.

ENDS

For more information or images, please contact Sarah Maia on +44 (0)1782 977146 or email s.maia@ale-heavylift.com

Image 1: ALE receiving components inside Richards Bay Coal Terminal, South Africa.

Image 2: ALE transporting one of the components inside Richards Bay Coal Terminal, South Africa.

Notes to editors:

ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE delivers strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE has more than 30 offices across Europe, the Far East, Africa, America, South America, the Middle East and Australia. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2015, Environmental standard ISO 14001:2015, and Health and Safety Standard OHSAS 18001:2007. Further information can be found on the ALE website at www.ale-heavylift.com.