



Half-yearly newsletter • Issue 7 • October 2006 • www.sarens.com

Dear Reader,

This last newsletter of 2006 shows again the projects our Group is capable of executing. In order to constantly improve our high standards, we have been investing in our safety and HR departments. This to guarantee the high level of safety awareness and professionalism of our organisation.

Moreover we welcome Carl Van den Eynde as new CEO and Bart Van den Eede as new CFO. Both bring a wealth of experience to our organisation.

We also have placed important orders with the leading crane manufacturers to maintain our future growth.

Enjoy reading your Heavyweight News.

Ludo Sarens

FEATURED PROJECTS

Projects in Belgium

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- Sarens-tele helps lowering emission rates
- 100th Turbine for Belgium

Clean air for Amsterdam

Projects in Germany

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- Bridge over the ICE route at Salzbergen

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Flanders Art: "Beaufort 2006" - Relocation of a ship to the beach of Oostduinkerke [\[top\]](#)



Name of ship: Kadia - 40 m long / 5 m wide / 4.2 m high
Equipment used: Liebherr LTM 1400 and Liebherr LTM 1100/2

The ship was lifted out of the water in Nieuwpoort and transported over the road for approximately 15 km, where it found its new destination "safe & dry on the beach". The ship was used as an art gallery.



Sarens-tele helps lowering emission rates [\[top\]](#)



Project: Building of Desox installation
Customer: Geldof, Harelbeke
Location: Ruien - Equipment used: AC 700 / 2 x LTM1100/2

As a result of environmental regulations and lower emission rates new Desox and Denox installations had to be constructed at the power plant of Electrabel in Kluisbergen. Our AC 700 successfully installed the 75 m high absorber stack. We used 2 additional 100T cranes to install the top 4 sections of the 75 m high absorber stack, each weighing between 50 and 60T.



100th Turbine for Belgium [top]



Customer: Vestas Nederland/Aspiravi
Location: Puurs
Equipment used: TC 3200 + LTM 1100

Another 2 Vestas windturbines "type V80" were installed in Puurs. The construction area is close to the highway A12 near the Main office of the Sarens Group. This gave the office personnel the opportunity to come and take a look at one of the major activities of the Sarens group.



Clean air for Amsterdam [top]



Client: Nuon
Location: Amsterdam, The Netherlands
Equipment used: TC 3300

In the beginning of 2006 Nuon started with the construction of 2 "Denox"-installations, each 66 m high. These installations will soon be utilised to remove 90% nitrogenoxide from Power Plant exhaust. Especially for this project, Sarens transported the TC 3300 out of Ireland.



Projects in Germany [top]



Location: Berliner Brücke, Halle/Saale
Equipment: Kamags, Strand Jacks

In June 2006 Sarens lifted a 100-year old bridge (1.600T) with Strand Jacks and a special construction and moved it for 200 m to the storage area.



Location: Salzbergen
Equipment: LR 1750

We received the order to place a 340T bridge over the ICE route at Salzbergen. This job had to be executed during the night and streets had to be closed off. The bridge was assembled in advance and then transported over a distance of 150 m by means of a crawler crane. The precise lowering of the bridge was executed at a 24 m radius.



LNG Train 1 Project [top]



Location: Bioko Island, Equatorial Guinea
Equipment used: Sartower / SPMT's

This project shows that Sarens has more to offer than just cranes. We used 30 axle lines of SPMT's to transport all equipment above 90 tons from the quay to the temporary storage area or the lifting location and our Sartower to lift a 660 T CO2 Absorber with the help of a CC 2600 crane for tailing operation. More on www.sarens.com: "[Feathers in Sarens Cap](#)"



CC 8800 in Kazakhstan [top]



Location: Tengiz, Kazakhstan
Equipment used: CC8800

Starting in November 2005, Sarens' second CC8800 was utilised in erecting a new flare stack in Tengiz. The total height was 171 m, one of the tallest in the world. Due to the close proximity of other flare stacks the erection had to be modularised. Each module was 24.4 m high and had a maximum weight of 88T.

The whole lifting operations were undertaken in severe freezing temperature conditions.

The crane was shipped to Tengiz earlier in the year from the USA via Poti in Georgia and across the Caspian by rail and boat.



Launching of a caisson [top]



Location: Fos-sur-Mer, France
Equipment: 2 x LR1400/2

In February 2006, 2 cranes LR1400/2 were used to launch a caisson. The operation was executed in 2 parts, weighing 600T (lower part of the caisson) and 230T (upper part).



Down-under... [top]



Customer: INCO
Location: Noumea, New Caledonia
Equipment used: SPMT's, LR1400, CC2800, CC8800, various hydraulic cranes

The Canadian mining company INCO has given Sarens the order for the inland transport and installation works of all heavy modules for the Goro Nickel Project in New Caledonia. A total of 450 process and pipe-rack modules will be delivered in the coming 18 months by heavy cargo ships, from fabrication yards in the Philippines to the newly built cargo berth at the Prony Bay near Goro.

For the on site transport Sarens is using SPMT's in various combinations. The route to site goes over a 4.5 km steep road with up to 10 % inclination.

For the installation of the modules Sarens has mobilized lattice boom cranes and assisting hydraulic cranes. All the heavy lift pre-engineering is done by Sarens at the clients' office in Brisbane.



Reactor head exchange in Port Arthur [top]



Customer: BASF Fina Limited Partnership (BFLP)
Location: Port Arthur, Texas - USA
Equipment used: SMLT, 5 SPMT's, CC2400 and LTM1300

BASF Fina Limited Partnership operating their Port Arthur refinery called upon Sarens to perform the exchange of a reactor head.

Two new developed SMLT (Sarens Multi Lift Towers) structures were set up in an extremely tight area.

Preceding the shutdown, the first 8-legs were used to lift the new reactor head (450MT) over an existing pipe rack, being the only suitable solution to bring the reactor head inside the refinery. During shut down the second 4-legs, lifted the old reactor head (estimated weight 1.200MT) off the hull and lowered it down on the Kamag SPMT.



LR1800 in Mexico [top]



Location: Tuxpan, Veracruz (Mexico)
Equipment used: LR1800

For the construction of 2 topside platforms weighing 4.500T & 7.000T respectively, Sarens used a LR1800 to install various modules delivered to site and discharged from barges. Currently Sarens is supplying a Demag CC2800 to install the rigging equipment required for the offshore installations.



"Back on the train track..." [top]



Location: Saint - Denis/Paris, France
Equipment used: Sartrain, Sarrail-cranes, barges, jacking & skidding system

Bridge builder "Aelterman" contracted Sarens for the exchange of the central 4 steel bridges out of 8 railway bridges and a 2-lane traffic bridge over a small canal. Being the third heaviest charged railway passage worldwide, only 1 track at a time (space of 3,5 m) could be blocked. Access is only possible by rail-mounted equipment during special, limited periods at night. Sarens opted to haul out the old bridge with a jacking system on a barge. The prefabricated new foundations were transported under with the barge and lifted and rolled in position with the same overhead crane system. The new 320T bridge was transported by the hydraulic driven "Sartrain". The new bridge was skidded sideways to its final position and jacked down 5 m onto its bearings. Lifting services were provided by 2 rebuilt "city cranes", riding on the railway tracks.



"ORMEN LANGE" - the largest project in the North Sea [top]



Location: Ormen Lange Gas Plant, Aukra, Norway
Equipment used: 2 x LR 1750, 2 x CC2800, 108 axle lines KAMAG SPMT's, 4 x 250T Jacking System

Aker Kvaerner Stord awarded Sarens Transrig a contract for heavy lifting & transport works. It consisted mainly of the installation of modules and pipe racks at the "Ormen Lange" Gas Plant in Aukra near Molde, Mid-Norway.

The total scope of work for Sarens Transrig included internal transportation and lifting on the site in Aukra, offloading from ships and barges, as well as weighing, site moves and load outs at the Aker Kvaerner's yard in Stord.

Over 120 heavy units in the range from 50 to 500T have been offloaded, transported and installed. All engineering, documentation and planning was carried out within the Sarens Group.




Sarens and the West African links [\[top\]](#)

  Client: Group Five Nigeria Ltd.
Location: Ikot Abasi, Awa Ibom State, Nigeria
Equipment: Goldhofer SPMT's

From Bioko Island (2nd edition) to Nigeria (1st edition) to Bioko Island (see higher) and then Nigeria again. As you can see Sarens is always "on the move" in the West-African region. We write July 2006. In partnering with DHL, Sarens performed a GE frame 9 turbine load-out in Ikot Abasi under the assistance of our local partner Cakasa and of course our experienced and Africa loving SPMT operator Martin Du Chau.



From Russia with love! [\[top\]](#)

 Client: Lukoil
Location: Kaliningrad, Russia
Equipment: LR 1800

Mid 2006 we started activities with our LR1800 in Kaliningrad on a Lukoil plant. The crane will preassemble the base structure of the FOIROT (Fixed Offshore Ice Resistant Off-loading Terminal) during a period of one year. As you can see our crane driver Ibrahim Nechaldas seems to be proud not only to be present in Russia, but also to be part of that great Sarens team.



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