

Great Yarmouth Outer Harbour

Newsletter 07



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ABOUT

- Construction of 2 rock breakwaters totaling 1400 metres in length.
- Total installation of about approx. 850,000 tons of rock.
- Internal Combi-pile wall of approx. 400m length
- Internal Harbour basin will be dredged to an average of 10 metres deep.
- 1.65 million m³ of dredged sand, will be used for reclamation of the new Harbour



Sliedrecht 35 maintaining cutter head during dredging operations



Reclamation works in full swing

WHATS NEW?

- Construction is progressing well with approximately 96 % of the North breakwater and 94 % of the South Breakwater completed. Over 900,000 tonnes of rock has now been delivered to site.
- Sliedrecht 35 Returned for 2nd Dredging campaign, Approx. 250,000 m³ dredged and reclaimed.
- Backhoe Dredger Razende Bol Continuing to install crest Armour on South Breakwater
- Abeko Server 3 completed installing Geotextile, installing rock knuckle at North Breakwater and installing Navigation Beacons at harbour mouth.
- Successful installation of all Combi-wall steel Sheet piles and all tubular piles to date.
- Approx. 10 final wave wall units being installed on North Breakwater



Razende Bol Installing Crest Armour on South Breakwater

WHAT'S NEXT?

- Continue with Installation of North & South Breakwaters
- Cutter Suction Dredger Sliedrecht 35 to continue 2nd phase dredging and reclamation.
- Finish Piling works
- Start Installation of wave wall sections on South Breakwater.

PLANT OF THE MONTH:

ABEKO CAT 740 ARTICULATED DUMPER



The Caterpillar 740 Articulated Dump Truck is one of four Dump Trucks on site which provides the core transportation of materials around site. The 740 has a 15.2 litre straight-six engine producing 460 BHP, a seven speed auto gearbox with two reverse gears and 6 wheel drive. The 740 has a net vehicle weight of 33 tonnes, can carry a maximum payload of 39.5 tonnes and has a top speed of 34 mph. The main purpose of the Cat 740 is to transport rock and sand from the stockpile areas to the installation site, with the machine in being one of the main equipment used to make the breakwaters, and to transport large volumes of sand around the site. The 740 dump trucks are also used to transport other materials, e.g., the bits of wreck from the Polaris which was dredged out of the harbour (*please see newsletter 02*).