

AMS UPDATE

Winter 2009/2010



Greater Gabbard Wind Farm

The Vermeer 45 tonne drill rig used on site

AMS No-Dig recently completed a high profile contract for Carillion EHV Projects at Sizewell B nuclear power station in Suffolk.

The main contract was commissioned by SEESA and Magnox South. The works included a requirement for the trenchless installation of four 132kv cable circuits between the main power station and a plant currently under construction in connection with the Greater Gabbard offshore wind farm.

AMS No-Dig's contract was to complete a total of twelve HDD drills along the cable route, four at each of three locations. Each drill consisted of a five duct configuration with lengths varying from 60m to 380m.

The scheme was both operationally and environmentally sensitive. As well as crossing the Sizewell B access road, the route crossed wetlands, streams and

forest and was complicated by a tidal water table and an area of contaminated land.

The five month drilling programme commenced in February 2009 with the installation of four 60m drills under a local access road. These were completed over a seven day period without difficulty.

The second location proved to be more of a test, four drills of 230m passing under the wetlands, forest and a stream in sand and gravel with a high tidal water table. Problems with hole stabilisation were anticipated, therefore maintaining the correct mix of drilling slurry was essential. The decision to have a specialist mud engineer present throughout proved invaluable.

The final location provided the sternest test for the 8 man drilling team, the 380m drills passing under woodland, a ditch and the Sizewell B access road. An old landfill in the main car park area presented a particular ground stabilisation problem, which was dealt with by pumping a cementitious grout down the hole following completion of the duct installations.

The decision to process all of the drilling slurry at a central location proved to be extremely successful. Relocation of the recycling centre was avoided and the environmental impact was localised.

Drew Kininmonth, delivery manager for Carillion EHV, commented, "AMS have proven to be an extremely efficient contractor in delivering their part of the works ahead of programme. They have been praised on their high standards of Health and Safety on a number of occasions by Carillion, SEESA and Magnox South whilst carrying out their works in a difficult environment".



Mud processing plant on site



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PROOF



AMS in the community

AMS Bobcat has been pleased to support a community project in Scunthorpe this summer. A local garden designer, John Cavill, teamed up with Leys Farm Junior School to create a new and exciting garden area in the school grounds.

John's garden design went to the Gardener's World Show at the NEC in June and won a Silver Medal and the prestigious People's Award. After the show John and his team packed

everything, plants, raised beds, shade sail and a shed, onto an articulated lorry and took it to the school. The head teacher, Ewart Gibbs, approached George Aitkenhead to see if AMS would help with the necessary groundwork. The garden arrived on the Tuesday afternoon and with the help of a Bobcat Mini Excavator the team was able to have everything in place and planted up by the Friday afternoon.

The garden is already a success, with vegetables and soft fruit being grown this year.

The garden is also being used to train staff from across North Lincolnshire as schools give pupils 'skills for life' in growing and enjoying their own produce.



Rosendale Gas Reinforcement Installation

National Grid is currently upgrading the gas supply network in Rosendale, Lancashire to meet increased demand from new housing and business. Included is the construction of a new 1.5km intermediate pressure gas pipeline between Grane Road and Haslingden Road. This pipeline will connect two pressure regulating stations currently under construction.

AMS No-Dig, working in conjunction with the West Gas Coalition, provided the trenchless solution.

Although the works appeared to be reasonably straight forward there were significant engineering difficulties to overcome. The route, along the steep embankment of the A56 bypass, involved trenchless installation beneath two bridge structures and heavily forested areas. The design and approvals process took over six months to complete before works could commence on 3 August 2009.

Under normal circumstances a lane closure would be the order of the day, but to avoid serious traffic disruption the majority of the works was completed between the hours of 10pm and 5am. This tight window

proved to be quite demanding, with close co-ordination of site movements required in order to ensure optimum productivity.

Team work and co-operation by all involved ensured the work was delivered ahead of programme in difficult conditions.

National Grid Construction Operations Engineer, Wayne Fisher commented, **"The A56 section of the Rosendale Reinforcement was completed within stringent timescales and operating restrictions as laid down by the local authority and police. This was possible due to the meticulous planning and execution of the works by National Grid, Enterprise and AMS No-Dig staff."**



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New Bobcat Supplied to Immingham Bulk Terminal

AMS Bobcat has supplied a new Bobcat T40170 telescopic handler, complete with a man platform, to Multiserv Group at Immingham Bulk Terminal.

The Bobcat T40170 Telescopic Handler has a lift capacity of 4 tonnes and a lift height of 17 metres.

The Bobcat man platform conforms to all the latest Health and Safety requirements. All its functions are controlled remotely from inside the basket. Carrying up to 500kg, the platform expands from 2.4mtrs to 4mtrs and will rotate 90 degrees left and right.

The machine will be used for a variety of jobs at the terminal, including loading and un-loading, ship trimming and maintenance work. Multiserv's William McDonough, workshop manager at the terminal commented:

"We were looking for a machine to perform several tasks and the Bobcat T40170 complete with the man platform fitted our requirements perfectly. The man platform is an ideal attachment for when we are required to perform maintenance tasks around the site as well as inside the holds of ships. We have dealt for many years with AMS and the service and support they offer was a major factor in our decision to purchase the Bobcat telescopic handler."



Excavation Power

AMS Bobcat has added two new Bobcat excavators to its hire fleet, the E60 (6 tonne) and E80 (8 tonne) machines.

Both feature a fully glazed air conditioned cab as standard, for improved operator comfort, as well as rubber tracks and twin auxiliary lines.

The Bobcat E60 and E80 excavators offer customers the power they need. Whether digging, dumping, backfilling, grading, demolition and more, they offer capacity, power and reach.

The zero tail swing (ZTS) design allows the operator to safely rotate the machine with almost no risk of damage to the machine or the surrounding environment.

AMS Bobcat plant manager Pauline Chafer commented:

"Today's excavators are multi-purpose all rounders on the worksite, we therefore offer a range of attachments for all your excavator tasks, including buckets, hydraulic breakers, post hole borers and hydraulic clamps."



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IT Systems play in the Championship

AMS IT Systems has been working with Scunthorpe United Football Club for a little over a year.

After carrying out an initial site survey and discussing objectives it was decided that replacement of the club's ageing server would be necessary and would provide a basis for the improvements identified.

AMS specified, supplied and configured a Dell Power Edge server through their status as a Dell Premier Partner.

This system was configured with Windows Small Business Server, an ideal starting point for business of up to 75 employees who wish to improve their IT infrastructure. It includes everything required for a small business network: Windows Server, Microsoft Exchange Email Server, Microsoft ISA Server and a suite of dedicated management tools.

Employees each have an email address which can be used for both internal and external communication. Email signatures and legal disclaimers are managed centrally using Mail Utilities from Exclaimer. AMS have set up separate user groups with different advertising banners added to all outgoing email.

A centralised shared calendaring system operates and is used for the management of bookings for certain facilities, including corporate hospitality suites.

Anti-virus and anti-spam protection is always important. AMS IT Systems is a registered partner of ESET Anti Virus and a reseller of Cloudmark Anti Spam. It was determined that the best solution was ESET NOD32 Anti Virus Business Edition which includes a centralised management module to allow an administrator to monitor the protection status of all PC's on the network. The Club's Anti-Spam requirement was met by Cloudmark Anti Spam. This product again includes a central management suite which allows an administrator to monitor the usage. Spam received by users has been reduced to almost zero.

A major benefit of a centralised solution such as this is that users can log in remotely using Microsoft Outlook Web Access and read and send emails from their company email address, all protected by the Anti Virus and Anti Spam measures. This service also extends to mobile



Jamie Hammond, Scunthorpe United General Manager takes delivery from Alastair Gibbs

devices with team manager Nigel Adkins and general manager Jamie Hammond set up to receive their emails on the move through their iPhones and Blackberry's.

A requirement for a secure Wi-Fi hotspot, for use by members of the press on match days and visitors to the hospitality suites, was achieved by installing a secure firewall, with a second fail-over internet connection, which would keep the Club's internal network safe from an external attack.

AMS IT Systems continue to support Scunthorpe United in the maintenance and development of their IT capability.

Prize Draw

The latest winner of the AMS prize draw is Jonathan Craggs of BBUSL.

Jonathan took the time to complete the promotional card which is distributed with all AMS newsletters. His card was drawn randomly from over 70 entries to win an Apple iPod.

Picture: Jonathan receives his prize from Operations Director John Moss.



Employee News

Paul Brown - one of our senior technicians, has been promoted to site supervisor. Paul's many years experience in the construction industry, before joining AMS as a drilling technician in 2002, will stand him in good stead in his new role.

Tony Boston - joined in January as a fabricator/welder, having just completed a long term contract at the Ferrybridge Power Station. He brings with him a wealth of experience. Tony enjoys motor cycle racing, touring cars and listening to music.

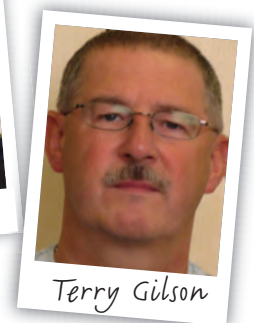
Terry Gilson - joined us in August to take up a new position as storeman. Terry has many years experience in a similar role with electronics firm Tyco. He was with them for 34 years before being made redundant earlier in the year. Terry enjoys gardening, coarse fishing, socialising & computer related activities.



Paul Brown



Tony Boston



Terry Gilson



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