

Total bridge and training solution puts engineer regiment in charge

Bridging Case Study



The Royal Danish Army and the Mabey LSB™

Customer: The Royal Danish Army | **Solution:** Mabey LSB™



The Challenge

One of the twelve founding members of NATO in 1949, Denmark has always shown a willingness to contribute to global conflict prevention and peace-keeping deployments. The Royal Danish Army has played a significant and important role in many modern international interventions, standing alongside the British Army in many theatres and in recent years acting as a contributor to the British-led Helmand Provincial Reconstruction Team. In 2013, the Royal Danish Army Ingeniørregimentet (Engineer Regiment) had a requirement to upgrade its General Support and Line of Communication bridging capability and needed a solution that was capable, reliable and tested.



The Solution

The Mabey Logistic Support Bridge™ (Mabey LSB™) has been the de-facto NATO Line of Communications bridge since the conflict in Bosnia and has been used in many NATO deployments since. The Mabey LSB™ was also used extensively in Iraq by the US Army, US Marine Corps and the US Navy Seabees, and is now in service with military forces around the world.

Early in 2013, Mabey Bridge agreed a 5-year, fixed-price framework spares agreement with the NATO Support Agency NSPA to make it easy for NATO member countries and certain NATO partnership countries to purchase Mabey Bridge spares and components. Through the NATO Logistic Stock Exchange (NLSE) – a modern and paperless method of conducting defence contract business between NATO allies – purchasing the bridging and components is made easy and is ideally suited to forces who use the Mabey LSB™.

In August 2013, the Royal Danish Army purchased a Mabey LSB™ Stock Module through the NLSE system. The Stock Module is a complete training and support package for the Mabey LSB™ and contains all of the components required to build every possible combination of the bridge. With an Mabey LSB™ Stock Module it is possible to build and launch; a 60 metre single span bridge with fully adjustable ramps, capable of carrying a Main Battle Tank (MLC 80T); a 51 metre single span bridge with fully adjustable ramps, capable of carrying a Main Battle Tank on its Tank Transporter (MLC 110W); build and concurrently launch two 39 metre bridges with fully adjustable ramps, each capable of MLC 110W; a fixed pier of up to 10 metres high; a 2-span bridge comprising two 39 metre spans joined together and resting on a fixed pier of up to 10 metres high and with fully adjustable ramps (MLC110W).

The Danish Army Mabey LSB™ Stock Module also featured a tailored Training and Sales Support package that included; a two week 'Train the Trainer' course for military instructors conducted at the engineering regiment's HQ in Jutland; training aids, including a 1:10 scale model bridge set and a digital interactive training disk for classroom or individual study; comprehensive documentation and manuals.

The Result

The Royal Danish Army is Mabey's first customer using the NLSE system. The Mabey LSB™ Stock Module was delivered to the Danish Engineer Regiment at the end of August, with the Training Course delivered by Mabey's dedicated and experienced former RE Instructor, and was successfully completed in February 2014. The Royal Danish Army Ingeniørregimentet is now fully trained in the Mabey LSB™ and will hold the Stock Module at readiness, as a rapidly deployable military capability and as a contingency stock against any civilian emergency situations in Denmark.

Mabey Bridge Limited, Unit 9, Lydney Harbour Estate, Lydney, Gloucestershire GL15 4EJ, United Kingdom

Office: +44 (0)1291 623 801 Email: mail@mabeybridge.com www.mabey.com

