



Taper/Taper adhesive-bonded Joint



## Fire mains, cooling water, sewers, drains and sump lines for “De Ruyter” Platform

Petro-Canada is one of Canada’s largest oil and gas companies, operating in both the upstream and downstream sectors of the industry in Canada and internationally. Petro-Canada in The Netherlands operates the F2a Hanze field (45%), the P11b De Ruyter field (54,7%) and has interests in a number of exploration and production licenses in The Netherlands.

The main fabrication and installation contracts for the De Ruyter Project were awarded in December 2005. The GBS tanks were built by Dubai Drydocks in the United Arab Emirates and finally towed to De Ruyter field in April 2006 for installation on the sea bed. The IPD was built by Heerema Offshore Zwijndrecht, The Netherlands. The construction of the IPD was completed in May 2006 and installed in June 2006 by Heerema’s Heavy Lifting Vessel, The Thialf. The hook-up and commissioning began immediately after.

### Scope of Supply

Amerplastics Europa BV, NOV Fiber Glass System’s distributor in the Benelux received the purchase order for delivery of materials and prefabrication. Amerplastics also assisted the construction yard Heerema Offshore with installation and hydrotesting of Bondstrand piping systems.

Pipex Ltd, NOV Fiber Glass System’s distributor in the United Kingdom, was responsible for specification work with AMEC, London.

### Project

“De Ruyter Platform” built for Petro-Canada, The Netherlands

### Client

Petro-Canada, The Hague, The Netherlands

### Pipe system

Bondstrand 2420 C (conductive) Glassfiber Reinforced Epoxy (GRE) pipe systems with Taper/Taper adhesive-bonded joints for fire mains, cooling water, sewers, drains and sump lines.  
Diameter: 1-16 inch (25-400 mm)

### Operating Conditions

Operating pressure:	10, 16 and 20 bar
Design pressure:	10, 16 and 20 bar
Design temperature:	100 °C
Test pressure:	16, 24 and 30 bar

### Installation date

2006