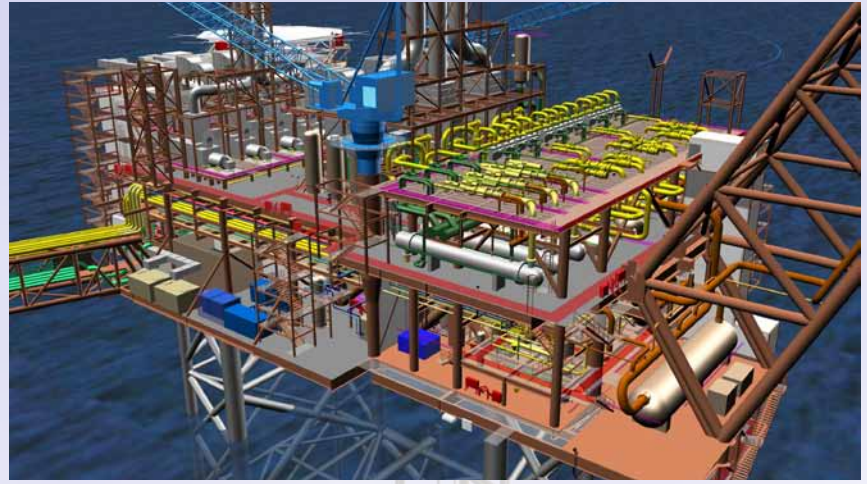


Taper/Taper adhesive-bonded joint



## Woodside North Rankin 2 Mega Platform using Bondstrand® GRE pipe

The North Rankin Redevelopment (NR2) will unlock low pressure reserves from the North Rankin and Perseus fields which are located approximately 130 km north-west of Karratha off the North Coast of Western Australia. The NR2 project underpins gas supply to the onshore LNG production facilities.

The North Rankin field forms part of the North West Shelf asset and are currently produced via North Rankin A platform which provides the processing facilities (gas dehydration) and contains the well.

The new NR2 platform will be installed by float-over method 100 meter to the west of the existing NRA facilities in a water depth of 125 meter and will be bridge linked to NRA. The prime function of NRB is to provide gas compression and condensate pumping for the fluids produced from NRA wells and exported from the NRA export facilities.

EOS (JV between KBR and Worley Parsons) selected Bondstrand as their preferred GRE brand. NOV FGS was involved heavily on the materials selection, stress and surge analysis, technical calculations and PDMS inputs. EOS purchased the GRE materials and free issue to HHI for fabrication.

NOV FGS carried out the prefab in the Senai Factory and installation was carried out smoothly under supervision of FGS Field service engineers in HHI.

### Project

Woodside North Rankin 2 Mega Platform

### Pipe system

Bondstrand 2416C, 2420C & 5000C Taper/Taper adhesive-bonded joint in 2 to 36 inch used for Produced water, Seawater, Firewater, Gravity drains and Sodium Hypochloride systems.

### Operating conditions

17079N – Bondstrand 5000C (10 bar)  
17080N – Bondstrand 2416C (16 bar)  
17082N – Bondstrand 2420C (20 bar)

### Installation date

2008-2012