



Taper/Taper adhesive-bonded joint



# Sea Water Regasification Cooling System for West Java Golar LNG FSRU

Golar, a LNG shipping company in Singapore with more than 30 years experience in operating LNG carriers, awarded NOV Fiber Glass Systems the Jurong Shipyard project. The West Java FSRU (Floating Storage and Regasification Unit) project is Indonesia's first LNG regasification terminal and represent the world's first FSRU project in Asia.

The scope covers the engineering, procurement and modification works of 40-inch Sea Water Regasification Cooling System for WEST JAVA GOLAR LNG FSRU using Bondstrand 7000M conductive fiberglass pipes and fittings.

Jurong Shipyard worked with Golar LNG, which provides project management, engineering services and technical guidance services to Golar LNG. Golar LNG - a liquefied natural gas shipping company based in London and registered in Bermuda. The company operates 13 LNG carriers and is listed on the Oslo Stock Exchange and NASDAQ and is controlled by John Fredriksen. NOV FGS supplies GRE materials for the modification works. The project was successfully completed within the requested time frame without adverse impact on the project schedule.

Project management, planned execution and customer service is the key factor of success that differentiates NOV FGS from the rest.

### Advantages

- Reduction in installation cost and time
- Expected long term service life 30 years
- Corrosion resistant
- Reduced marine growth
- Maintenance free
- Light weight material

### Vessel

West Java FSRU Golar LNG

### Shipyard

Jurong Shipyard Singapore

### Client

Golar LNG

### Pipe system

40-inch Bondstrand 7000M with Taper/Taper adhesive-bonded joints for Sea Water Regasification System

### Operating conditions

Design pressure	10 bar
Operating temperature	9.2 bar
Test pressure	1.5x design pressure
Design temperature	up to 70 °C
Operating temperature	36 °C

### Installation date

2011 - 2012