



Case Study  
**OIL AND GAS**

Project

## Minox Bypass Onshore/Offshore

The giant Bonga floating production, storage, and offloading (FPSO) vessel is in use at Shell's Bonga Oilfield (discovered in 1993 and with a life of 20 years), which lies 120km off the coast of the Niger Delta, covering an area of 60km.

Location  
Bonga FPSO, Nigeria

End user  
SNEPCO

Year  
2021

### What We Delivered



**DIAMETER**

50, 100 & 400 mm



**PRESSURE**

30 Bar



**LENGTH**

2 KM



**DELIVERING**

Water Transfer Lines

Because of hydrocarbon traces as well as water Wavistrong -GRE NPR 30 and EST 25 is the material of choice for corrosion resistance. Due to the long lengths of underground piping FPI has been able to make a difference by using NPR rated piping (thinner wall due to soil pressure).

Our scope included:

- Supply of Wavistrong GRE pipe system
- Workshop Fabrication
- Offshore Installation
- Engineering, Fabrication and offshore installation of MMF Bypass line

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The processing equipment installed can process 225,000 barrels of stabilised crude oil per day at a maximum tank temperature of 60°C. The crude is then exported into a shuttle tanker at a rate of 7,000m<sup>3</sup>/h (one million barrels per 24 hours).

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Gallery



Need  
More Info?

Please get in touch with us  
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