

Agbami FPSO

Case history 2012

Focus product: Intershield® 300

Year of project: 2007

Location: Agbami Field, Nigeria

Type of project: Floating Production, Storage & Offloading (FPSO) unit

Project owner: Chevron

Applicator/fabricator: Daewoo Shipyard, South Korea

Project size: 140,000m² (1,506,947ft²) topsides & decks

At the time of its discovery the Agbami oil and gas field, situated 70 miles off the Nigeria coast, was the biggest of its day. Chevron recognised the only way to develop the field was via an FPSO, moored in 1,463m (4,800ft) of sea water.

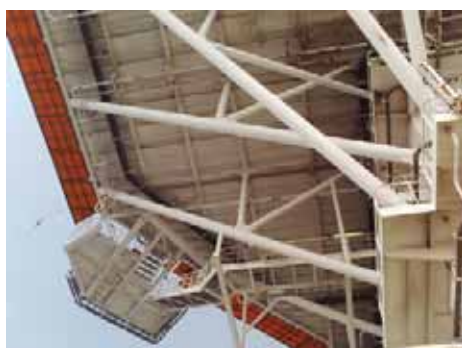
Chevron needed 20 year corrosion protection for the mammoth FPSO which would be capable of processing 250,000 barrels of oil a day and storing 2,200,000 million barrels of oil.

During the design, Chevron worked closely with AkzoNobel to select a suitable coating to provide corrosion protection for the outer hull, tanks and topsides. **Intershield 300** was selected as a universal primer for all of these areas. This allowed the yard (DSME, Korea) to simplify the coatings procedure and keep up a high level of productivity. The abrasion resistance of **Intershield 300** meant it protected the hull top plate whilst the modules and supports were installed.

After 5 years in service **Intershield 300** is performing extremely well. Areas of high risk such as edges and welds are still in excellent condition. This can be seen, in particular, on the hull top plate and helideck supports.

“Intershield 300 is performing as expected”

Brent W. Griffin, Coatings and Linings Engineer Chevron



Intershield 300 was extensively applied to the outer hull, tanks and topsides of the Agbami FPSO