

Nexans



Cabling solutions
at the core of Shipbuilding



USAN deepwater oilfield – Nigeria

Project description:

- The field development plan comprises 23 producer wells and 19 water and gas injector wells tied back to a floating production, storage and offloading (FPSO) unit with a storage capacity of 2 million barrels of oil.

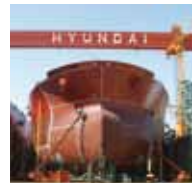
Customer challenges:

- High levels of product quality and project management are required.

- USAN is the biggest FPSO project in the world: 320 m in length, 61 m in width, 32 m in depth, and a weight of 114,000 tons.

Nexans solutions:

- Production of 30 individual lengths of cable.
- Outer Sheath: Halogen free, thermoset compound SHF2 or low smoke PVC.





OFON Phase 2 Project – Nigeria

Project description:

- The OFON 2 project consists of a processing platform, three drilling platforms and an accommodation platform located offshore, east of Nigeria.

Customer challenges:

- The additional reserves (proved and probable) at Ofon should allow an increase of oil output to around 100,000 barrels per day by the end of 2010.

- The new phase of the field development project will eliminate gas flaring in Ofon.

Nexans solutions:

- Outer Sheath: Halogen free, thermoset compound SHF2 or XLPE low smoke PVC.





H2148 Drillship

Project description:

- The ultra-deepwater newbuild drillship equipped for drilling in up to 10,000 feet of water depth, upgradable to 12,000 feet of water depth with additional equipment, and constructing wells up to 40,000 feet total depth.

Customer challenges:

- The new rig will feature advanced dynamic positioning capabilities, triple

activity load paths, a derrick rated for 4 million lb (1.8 million kg), dual liquid-storage systems, larger quarters and an efficient deck design that provides more space than previous-generation drillships.

Nexans solutions:

- Outer Sheath: TXOH - Halogen free, thermo plastic compound to XLPE SHF1.
- NEK 606 – EPR, SHF2, mud resistance.





FANTASIA – A33

Project description:

- This new building is the largest passenger ship ever constructed for a European shipowner.

Customer challenges:

- Delivering cables on time.
- Ready to be installed on board.
- Reduce stock at the yard.

Nexans solutions:

- Bring a global information system integrating data sharing (EDI system).
- Cables are cut to length according to customer request.
- Just-in-time delivery: when customer needed to install them.





ESPIRITO SANTO

Project description:

- Conversion of a super tanker into a new generation FPSO for SBM (Single Buoy Mooring).

Customer challenges:

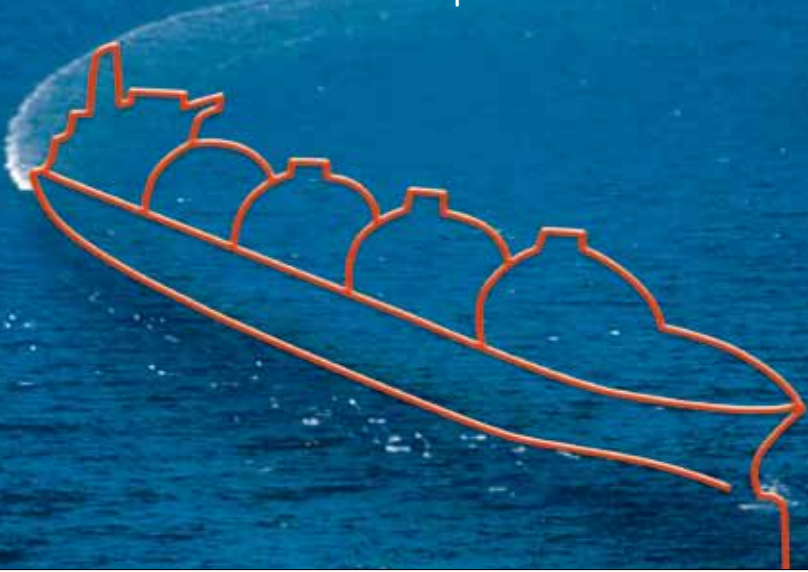
- SBM looks for cost effective solutions for the cabling of the FPSO Conversion.
- Product challenges: cable lifetime to be more than 25 years.
Cables must be delivered in short time.

Nexans solutions:

- Nexans implemented a dedicated project team to meet customer needs: priority of deliveries and technical data documentation.



At the core of performance



BRING SAFETY ON BOARD

For your integrated onboard environment, Nexans provides a complete range of energy and telecom cables, which conform with the highest international standards.

Our easy to install solutions are designed

and customized to meet your complex requirements and we constantly innovate to improve safety and reliability.

You can rely on Nexans to get services that only a world-class manufacturer can provide.



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Global expert in cables and cabling systems

With energy as the basis of its development, Nexans, worldwide leading expert in the cable industry, offers an extensive range of cables and cabling systems. The Group is a global player in the infrastructure, industry, building and Local Area Network markets. Nexans addresses a series of market segments: from energy, transport and telecom networks to shipbuilding, oil and gas, nuclear power, automotives, electronics, aeronautics, material handling and automation. Nexans is a responsible industrial company that regards sustainable development as integral to its global and operational strategy. Continuous innovation in products, solutions and services, employee development and engagement, and the introduction of safe industrial processes with limited environmental impact are among the key initiatives that place Nexans at the core of a sustainable future. With an industrial presence in 40 countries and commercial activities worldwide, Nexans employs 23,700 people and had sales in 2010 of more than 6 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A.

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