



Case Study

Tullow Oil – Jubilee Field Ghana

Hydrocarbon Accounting and Tanker Scheduling in “new” oil-producing country.

Challenge: First discovered in June 2007, Jubilee is a world-class oil field which transformed Ghana into a new oil producing country. The Jubilee field is approximately 60 km offshore Ghana and Phase 1 development involved the extraction of hydrocarbons via an FPSO from an underground reservoir located in deep water. The Government of Ghana has a percentage interest in the crude oil being produced. The Additional Oil Entitlement (AOE) indicated in the petroleum agreements seeks to measure Ghana’s entitlement to the crude oil and acts as an additional windfall tax. AOE is payable not in dollars but in barrels and as such is integral to hydrocarbon accounting calculations. These calculations could not be performed using traditional hydrocarbon systems. .

Solution: : Following a lengthy and ultimately unsuccessful attempt to implement a system using a competitor product, Tullow Oil chose Axis Tanker to provide the unique functionality required to implement a Hydrocarbon Accounting and Tanker Scheduling system. Via a prototype, Tullow Oil recognised that our product was capable of being configured to handle the complex fiscal regimes in Ghana. The agility of our technology and processes enabled us to deliver this project successfully when our competitors had failed.

Results: This project delivered a single system integrating production, finance and tanker scheduling functionality to support a unique and complex set of requirements. The system allows users in Ghana and the UK to manage their business processes securely and efficiently. Jubilee is currently producing over 100,000 barrels of crude per day with weekly tanker liftings being scheduled by Axis.

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AXIS by adept solutions

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