



UNALTEC ISA

UNIAO DE ALTAS TECNOLOGIAS, INDUSTRIA, SAUDE, AMBIENTE

-
SUBSIDIARY OF
FRANCARE INDUSTRIES
IN LUANDA, ANGOLA

FRANCARE Industries

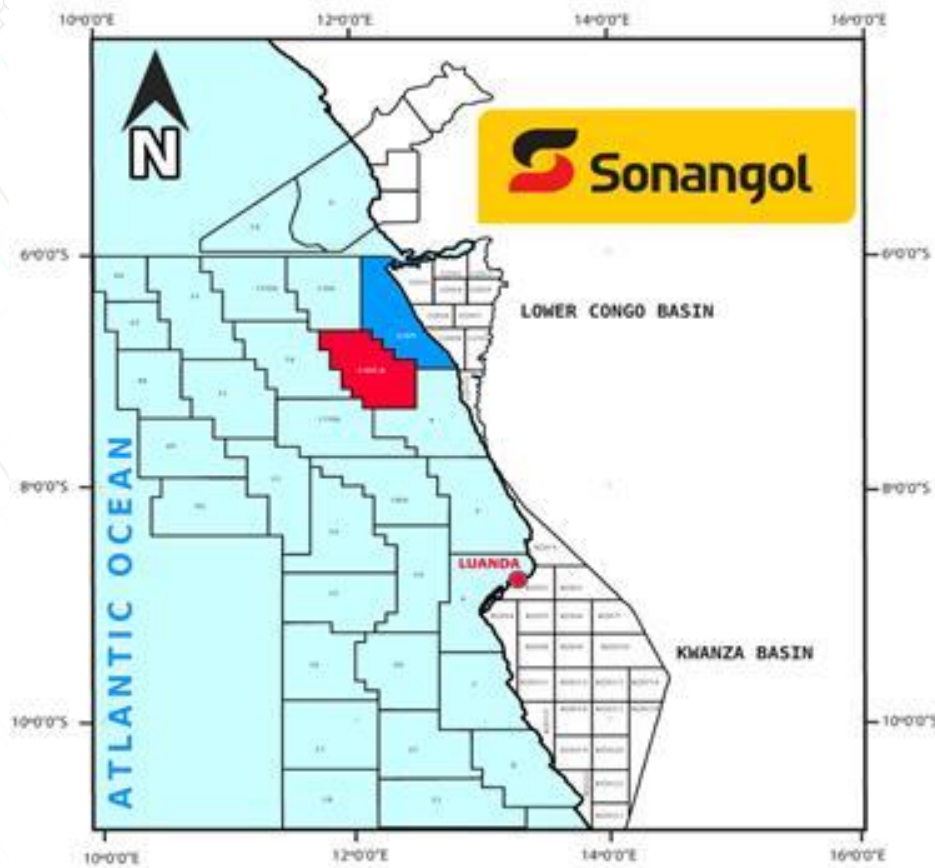
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SONANGOL - Sociedade Nacional de Combustiveis de Angola, E.P. is the state-owned oil company responsible for the management of oil & natural gas exploration on the subsoil and continental shelf of Angola, SONANGOL is responsible for the exploration, production, manufacturing, transportation and marketing of hydrocarbons in Angola.

FRANCARE Industries has created its subsidiary in the Angolan capital city, Luanda, to develop local major industrial projects in Angola ; this subsidiary enables operators based in Angola to benefit from services of an Angolan company which complies with international standards.

Our project mainly consists in the supply of equipments & services for the maintenance, repair & and operation for onshore & offshore petroleum industry.



- **Servicing of equipment supplied by us exclusively (including installation, start-up & training):**

Our main concern is to guarantee after-sales service & commissioning of the supplied equipments; this is essential so as to ensure the owner on its performance and quality.

Consequently, we have assisted our customer in the installation, start-up and training of the supplied equipments.



- **Supply of marine mooring & lifting equipments for barges in Block 3:**
SONANGOL has barges offshore Block 03 to pump and store oil before loading it on tankers.



- ⇒ We have supplied marine mooring & lifting equipments for the maintenance of these barges such as open link chains, ropes, shackles, offshore mooring and towing equipments, including factory monitoring & organization of the shipment from the factory up to Angola.





• **Supply of communication submarine cables for Block 3/05:**

These cables laid on the sea bed between land-based stations were intended to carry telecommunication signals & to transport electrical energy across stretches of ocean and sea up to Block 03.



The following is an example of an underwater cable cut installed as part of this project:



FRANCARE has accompanied the whole manufacturing process of these cables at the factory.

- ⇒ We have organized the factory inspection by the delegation composed of Technical Engineers from SONANGOL including the organization of their trip to France, factory support & physical assistance on factory's site.
- ⇒ We have also followed the transport organization of these cables on barges up to the Havre departure sea port.



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