

TOTAL MLJ South Brunei

Operations Training

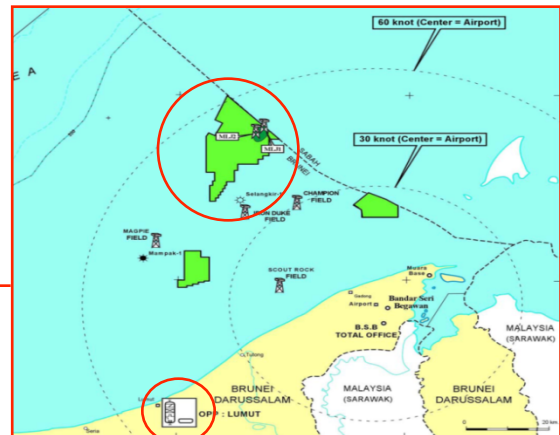


Operator/ Client: Total E&P Borneo B.V. (TEPB)
Project/ Location: Maharaja Lela Jamalulalam South (MLS), South China Sea, Brunei
Scope of Services: Operations Philosophy & Equipment Training

MLJ South Project at a glance

Total E&P Borneo B.V. (TEPB) operates the Maharaja Lela Jamalulalam (MLJ) field in the Block B, located in the South China Sea at approximately 55 km from the Brunei shoreline and 60 m of water.

The field has been producing gas and condensates since 1999. In 2015, the MLJ South project was launched, with the integration of a third offshore platform and an extensive debottlenecking of the onshore processing facilities (OPP), increasing the gas production capacity to 5.7 MMSm³/d and the condensate production capacity to 2,800 m³/d.



MLJ facilities :

- ▲ Unmanned offshore wellhead platforms MLJ1 and 2
- ▲ Multiphase offshore export pipeline
- ▲ Onshore processing facilities (OPP) featuring:
 - Gas processing: receiving facilities, separation, gas treatment, metering and export
 - Liquid processing: condensate separation, stabilisation and metering, produced water metering, and export
 - Utilities: steam generation, fuel gas, instrument and service air, firewater, demineralised & service water, chemical injection, amine make-up & filtration
- ▲ Condensate receiving facilities at Seria Crude Oil Terminal (SCOT)
- ▲ Gas receiving facilities at Brunei Liquefied Natural Gas (BLNG)
- ▲ Interconnecting onshore pipelines



The **MLS Project** and increase of the production capacity entailed:

- ▲ New Wellhead Platform MLJ3
- ▲ Pipeline tie back from MLJ3 to the existing MLJ1-OPP export pipeline
- ▲ Construction of additional slug catcher
- ▲ Debottlenecking of liquid handling facilities and gas treatment trains
- ▲ Revamping of firefighting systems
- ▲ New 10" gas export pipeline to BLNG



Aramis' Scope of Work

After being awarded the development of the Operating Manual and OPERGUI Procedures for MLJ South, Aramis was later selected to develop and deliver the new Operation Philosophy and Equipment Training to TEPB personnel.

The Objective of this competency based training program was to ensure that TEPB field and panel operators, supervisors, production management and maintenance teams were equipped with the in-depth knowledge of the Operation Philosophy, HSE, Operating Procedures, Control and Safety Systems, Equipment maintenance, handling, inspection and spare parts, integrating the new and existing facilities.

The Scope of the Training Project entailed:

- ▲ Training Execution Plan and Schedule
- ▲ Structure and detailed Training Program
- ▲ Development of Training Manuals and Training Aids
- ▲ Training Delivery (2 sessions)
- ▲ Pre and Post Training Assessment

