

PIPELINE DECOMMISSIONING UGL Pty Ltd

Preparing offshore pipelines for safe decommissioning activities.



THE CHALLENGE

As part of Esso Australia's Gippsland Basin Decommissioning Campaign 1, multiple offshore pipeline systems required flushing and cleaning to enable safe decommissioning.

The scope spanned four platforms across the Bass Strait, introducing logistical complexity, offshore constraints, and reliance on coordinated marine and operational support.

Delivery was further challenged by accelerated mobilisation timelines, variable offshore weather conditions, and extended standby periods.

As a critical path activity, the work required continuous operations, zero equipment failure, and strict adherence to safety, environmental, and performance expectations while aligning multiple stakeholders across the campaign.

THE SOLUTION

EnerMech deployed a dedicated project management, engineering, and offshore execution team to deliver pipeline flushing and cleaning across the MLA150 fuel gas pipeline and associated risers and branch connections.

Scope included engineering planning, equipment function testing, mobilisation of specialist flushing and pumping spreads, and full offshore execution across MLA, WKF, KFA, and KFB platforms.

All equipment was prepared and verified on an accelerated schedule to meet mobilisation requirements. Working closely with UGL and Esso, EnerMech coordinated logistics, personnel, and offshore execution across multiple locations, supported by continuous onshore and offshore integration.

This approach enabled efficient sequencing of work and adaptability to changing offshore conditions while maintaining safe and consistent delivery.

THE OUTCOME

EnerMech successfully completed the pipeline flushing scope for Campaign 1, delivering all activities on schedule and to high operational standards.

The use of integrated teams and well-coordinated execution enabled continuous offshore operations with zero equipment downtime, while maintaining strict safety and environmental performance with no incidents or unplanned releases.

The quality of delivery and close collaboration with UGL and Esso supported the wider decommissioning programme and strengthened client confidence, leading to EnerMech being selected as the preferred contractor for the subsequent HLA600 pipeline campaign involving increased scope and higher flow requirements.

KEY HIGHLIGHTS

OFFSHORE EXECUTION ACROSS FOUR ASSETS

Coordinated delivery across MLA, WKF, KFA, and KFB platforms.

CRITICAL PATH DELIVERY

Pipeline flushing completed in line with decommissioning schedule requirements.

ZERO INCIDENT PERFORMANCE

No injuries, environmental incidents, or unplanned releases recorded.

CONTINUOUS OPERATIONS

Zero equipment downtime impacting offshore execution.

FOLLOW-ON CONTRACT AWARD

Selected as preferred contractor for subsequent HLA600 campaign.