



Overview

PRODUCT

2 x Baudouin 12M26.2 propulsion engines
1200 hp @ 1950 rpm

2 x Baudouin 6M16 gensets
150 kW @ 50Hz Prime Power

1 x 6W126M bow thruster prime mover
331 kW / 450 hp @ 2100 rpm

CLASSIFICATION SOCIETY

BV

DUTY

P2 Heavy Duty

APPLICATION

Landing craft

PARTNERS

Distributor: Fortune Access Marine

Shipyard: Berjaya Dockyard Sdn Bhd, Miri, East Malaysia

Operator: Compagnie Maritime des Iles – CMI

The **KARAKA** is a 68-meter-long **landing craft vessel** designed to ensure reliable **inter-island transport** in the South Pacific. Operated by **Compagnie Maritime des Îles (CMI)**, the vessel is based in Nouméa and provides regular services between the islands of Maré, Lifou and Ouvéa, supporting essential logistics across the archipelago. Built by Berjaya Dockyard Sdn Bhd in Miri, East Malaysia, the vessel was constructed under **Bureau Veritas** classification, ensuring compliance with internationally recognised standards for safety, structural integrity and operational performance.



Main Propulsion System

The KARAKA is powered by **two Baudouin 12M26.2 main engines**, each rated at **1,200 hp at 1,950 rpm**, configured in **P2 heavy-duty rating** and equipped with a Baudouin MASTER panel. This rating is specifically suited to intensive operating profiles involving frequent port calls, high load factors and continuous inter-island service.

The Baudouin M26.2 engine series is recognised for its mechanical robustness, long service life and ease of maintenance. These characteristics are particularly well adapted to vessels operating in remote island environments, where reliability and straightforward servicing are essential to maintaining high operational availability.

Onboard Power Generation

Electrical power onboard is supplied by **two Baudouin 6M16 generator sets**, each delivering **150 kW**, configured at **415 V, 50 Hz, three-phase**. This genset configuration ensures stable and redundant electrical power for all onboard systems, including navigation equipment, cargo handling systems and refrigerated container operations.

The 6M16 genset range combines compact design, operational efficiency and ease of maintenance, providing a dependable onboard power solution for vessels operating far from major technical support centres.

Manoeuvrability and Auxiliary Equipment

To enhance manoeuvrability during port operations, particularly when operating in constrained or exposed harbour conditions, the KARAKA is equipped with a **5-ton bow thruster** driven by a **Baudouin 6W126M engine**, rated at **331 kW / 450 hp at 2,100 rpm**, configured in **P2 heavy-duty rating**. This setup significantly improves handling precision and operational safety during docking and undocking manoeuvres.

Testimonial

The KARAKA project was initiated by our client CMI in November 2024, with a contractual delivery target set for November 2025. We are pleased to report that the project was completed successfully and delivered within the agreed timeline.

Despite global shipping congestion, FA Marine's proactive coordination ensured the main engine arrived from France on time, avoiding any project delays. The KARAKA project marked our first experience with the Baudouin engine. Despite this being a first-time application, the process proceeded smoothly, supported by comprehensive technical assistance from Fortune Access Marine. Their involvement throughout the engine selection, procurement, delivery, commissioning, and final handover phases contributed significantly to the successful execution of the project. The Baudouin engine demonstrated excellent performance during sea trials, delivering strong power output and confirming its robust and durable design. Overall, we are satisfied with both the engine's performance and the level of technical and logistical support provided throughout the project lifecycle.

Berjaya Dockyard Sdn Bhd. - Jonathan Ling (Sales Director)

