

EQUANS AXIMA AUSTRALIA PTY LTD – T/A NOSKE-KAESER MARINE
NAVAL HVAC-R & Climate Systems OEM – Backed by the EQUANS Local & Global Network.

WHO WE ARE

EQUANS Axima Australia Pty Ltd – T/A Noske-Kaeser Marine (NKM) is a specialist OEM for naval and marine HVAC-R, chilled water, fire suppression and CBRN protection systems, supporting Defence fleets across Australia and New Zealand.

Operating for over 40 years in the region with access to local support of Equans ANZ and backed by more than 130 years of global marine experience through the EQUANS Marine & Offshore network, we provide **tailored design, manufacture and through-life support** for critical climate and safety systems on surface combatants, patrol vessels and specialist ships.

We combine **local presence and responsiveness** with **global engineering depth**, giving Defence primes and the Commonwealth/Crown confidence in performance, reliability and long-term support.

WHAT WE DO

NKM delivers end-to-end solutions for naval and marine platforms:

- **HVAC-R & Chilled Water Systems**
 - Central chilled water plants for mission-critical cooling
 - Air handling and ventilation for accommodation, mission spaces and machinery rooms
 - Provision refrigeration systems for stores and galley support
- **Fire Suppression & Safety Systems**
 - CO₂ and alternative-agent fire suppression systems
 - Integration with ship safety systems and control philosophies
- **CBRN Protection**
 - CBRN filtration and overpressure systems
 - Clean air supply concepts and integration with ship HVAC
- **Through-Life Support & Obsolescence Management**
 - OEM maintenance, upgrade and repair services
 - Obsolescence assessment, risk management and life-of-type extension
 - Technical support, documentation, training and integrated logistics support (ILS)
- **Design, Engineering & Integration**
 - System design and performance analysis
 - 3D modelling, layout optimisation and ship integration
 - Factory acceptance testing, harbour and sea trials support

Our focus is on **reliable, maintainable and supportable systems** that serve the fleet throughout the entire life of the platform

OPERATING FOOTPRINT – Local Presence, Local Support and Global Backing

Western Australia (Henderson)

- Engineering, project management and ILS capability
- Large warehouse capacity ensures consistent stock availability and supports timely delivery of equipment.
- Support to national shipbuilding programs and sustainment activities
- Front-line sustainment hub for west-coast fleets
- Support to ANZAC Class, Arafura Class OPVs and other naval platforms
- Responsive OEM service, maintenance and defect support close to the ship
- Repair facility for marine related systems
- Access to Equans ANZ's local support across design, engineering, supply chain and production

New Zealand (Devonport / NZ Fleet)

- Local support for the Royal New Zealand Navy via local partners and facilities
- OEM support for RNZN frigates, OPVs and specialist vessels

Global Equans Marine & Offshore Network

- Access to international design authorities, R&D and specialist engineering
- Ability to leverage proven solutions from European and international programmes
- Global supply chain and technology partnerships, delivered locally

This combination allows us to deliver **sovereign capability** with **global depth**.

PROGRAM AND PLATFORM EXPERIENCE

NKM is a trusted partner to Defence primes and the Commonwealth/Crown across multiple key naval programs, including:

- **ANZAC Class Frigates – Platform Systems Remediation (PSR) & Ongoing Support**
 - OEM chilled water, provisions and HVAC system upgrades and refurbishment
 - System design reviews, performance improvements and obsolescence solutions
 - Through-life support, maintenance, spares and technical advice to BAE Systems and the Royal Australian Navy
- **Arafura Class Offshore Patrol Vessels – SEA1180**
 - Design, manufacture and factory testing of HVAC-R, chilled water, provisions refrigeration and CO₂ fire suppression systems
 - Strong Australian industry content via Adelaide-based manufacture and test
 - Support to installation, setting-to-work and commissioning in both SA and WA shipyards, with ongoing sustainment capability
- **Royal New Zealand Navy Fleet**
 - HVAC-R, chilled water and provisions system support on RNZN platforms, including ANZAC, OPV and specialist vessels
 - OEM technical support and upgrade pathways for life-extension and performance improvement

This track record demonstrates our ability to **deliver and support complex systems** on front-line naval platforms under demanding schedules and regulatory frameworks.

PRODUCTS & SERVICES – At a Glance

Design & Engineering

- Concept and detailed design for HVAC-R, CWP and fire/CBRN systems
- Performance analysis, optimisation and integration with ship systems
- Compliance with Defence standards, class rules and regulatory requirements
- In-house manufacturing and FAT within the global Marine Department
- Global manufacture and assembly of chilled water plants and provisions systems
- Skid-based and modular solutions to suit modern shipbuilding methods
- FAT and performance testing prior to delivery

Installation, Commissioning & Trials

- OEM support to shipbuilders and primes during installation
- Commissioning, tuning and performance verification
- Harbour and sea trial support, problem resolution and defect closure

Sustainment, ILS & Obsolescence Management

- Preventive and corrective maintenance support
- Spares, repairables and configuration control
- Obsolescence studies, risk mitigation and upgrade recommendations
- Documentation, training and technical support for ship crews and maintainers

WHY NOSKE-KAESER MARINE

Defence customers and primes choose NKM because we offer:

- **OEM Capability**
Supplying and supporting equipment for critical naval systems to align with Australian and New Zealand program objectives.
- **Deep Naval Experience**
Decades of hands-on experience with ANZAC, OPV and other fleet platforms, and a strong reputation within the Defence and sustainment community.
- **Through-Life Focus**
We design and support systems for the long haul – considering reliability, maintainability, availability and obsolescence from day one.
- **Local + Global**
A responsive local team with access to local Equans ANZ capacity and backed by the global Equans Marine & Offshore network, providing access to proven technologies and international best practice.
- **Partnership Approach**
Long-standing relationships with primes, shipyards, sustainment providers and Defence stakeholders; collaborative problem-solving and transparent communication.

KEY CUSTOMERS & PARTNERS

NKM works with a range of Defence and industry partners, including:

- Defence primes and shipbuilders
- Sustainment and in-service support providers
- Commonwealth and Crown Defence agencies
- Local SMEs and specialist suppliers contributing to Australian and New Zealand industry content

CONTACT

Noske-Kaeser Marine

An Equans Marine & Offshore Company

- **Email:** hvac-nkau@equans.com
- **Phone:** 08 9437 5340
- **Locations:** Henderson (WA)
- **Web:** [Axima Marine & Noske-Kaeser | Marine - Equans](#)
- **LinkedIn:** [\(11\) Noske-Kaeser Marine Australia: Overview | LinkedIn](#)