



ASX Announcement

4 June 2026

Hydrix Signs Contract to Advance Phasor Innovation's Quantum Sensing & Navigation Technology

- **Phasor appoints Hydrix:** the multi-stage project estimated to deliver revenues of \$1.0m to \$1.2m over the next 15 months, the binding first contract stage commences in June 2026
- **Quantum Sensing: Phasor Innovation,** is an Australian-owned company, advancing precision magnetic field sensing technology for undersea, surface, airborne and land applications
- **Advanced Navigation:** Hydrix is supporting development of Phasor's advanced quantum sensing and navigation technologies for GPS-denied environments
- **Strategic Defence positioning:** Engagement deepens and expands Hydrix's participation in sovereign Defence and advanced sensing technologies
- **Hydrix Defence Engineering:** Hydrix is providing advanced electronics, mechanical and thermal design, and embedded systems expertise
- **National Security Investment:** Contributes to Australia's 2026 National Defence Strategy, the A\$425 billion Integrated Investment Program and emerging AUKUS Pillar 2 initiatives
- **Growing Defence:** Contract award with Phasor demonstrates traction of Hydrix's sovereign engineering capability and Defence-related projects

Hydrix Limited (ASX: HYD) advises it signed a new contract with Phasor Innovation ("**Phasor**") to continue to support Phasor's development of its advanced quantum sensing and navigation technologies.

[Phasor Quantum](#), a subsidiary of Phasor Innovation, is developing high-precision magnetic sensing and navigation capabilities utilising their proprietary nitrogen vacancy diamond-based quantum magnetic field sensor. The technology is designed to detect extremely small variations in the Earth's magnetic field, enabling precise navigation and positioning in GPS-denied environments for undersea, maritime, airborne and land-based applications.

Quantum navigation technologies are becoming increasingly important globally as Defence forces seek resilient alternatives to GPS-dependent navigation systems in contested or denied operational environments.

Phasor Quantum's approach combines advanced vector magnetic field sensing with sophisticated platform compensation and navigation algorithms to support accurate positioning capability in environments where conventional satellite navigation may be unavailable, degraded or vulnerable to interference.

Australia and its allies are increasing investment in autonomous maritime capability, including autonomous underwater vehicles (AUVs), uncrewed surface vessels and advanced undersea surveillance systems. These platforms require resilient navigation and positioning capability that can operate effectively in contested and GPS-denied environments. This trend, supported by the 2026 National Defence Strategy, the A\$425 billion Integrated Investment Program and emerging AUKUS Pillar 2 initiatives, is expected to drive growing demand for advanced sensing, navigation and autonomy-enabling technologies.



Phasor Quantum QDVM Sensor Beta Prototype



L to R: Adam Silvester - Phasor Quantum CEO & Cofounder, **Andrew Beal** - Hydrix Services Director of Engineering and Product Delivery, **Andy Sayers** - Phasor Quantum CTO & Cofounder

Hydrix has a decade long track record supporting Defence and advanced technology programs in demanding operational environments, including counter-UAS, electronic warfare, RF surveillance, signal processing and advanced sensing applications. These programs require the development of high-reliability electronics, embedded software and ruggedised systems, capabilities that are closely aligned with the engineering requirements of advanced sensing and navigation technologies.

Advanced sensing, navigation and autonomy technologies will remain important long-term capability priorities across Defence and national security markets.

Hydrix CEO, Gavin Coote, said:

“This engagement aligns with Australia’s national security strategy aimed at building sovereign Defence capability and supply chain resilience. It demonstrates deep collaboration and high capability within Australia’s technology innovation eco-system, and further traction of Hydrix’s Defence strategy.”

Phasor Quantum CEO, Adam Silvester, said:

“Phasor Quantum is developing next-generation navigation technologies designed to operate in environments where conventional GPS capabilities are unavailable or degraded.”

“Hydrix brings deep expertise in advanced electronics, embedded systems, and complex engineering development, making them a strong partner as we continue advancing our quantum-assured navigation capability.”

Hydrix Services Director of Engineering and Product Delivery, Andrew Beal, said:

“Phasor Quantum’s novel sensor system approach sits at the intersection of applied quantum physics with multi-discipline specialist engineering expertise in optics, RF, high-reliability electronics, signal processing, thermal and structural design. This sophisticated technology represents a step change in sensing and navigation performance, delivering a clear capability uplift in real-world mission contexts.”



“Hydrix’s specialised engineering capability and robust quality systems are tightly aligned to these types of complex, mission-critical technology programs, and we are pleased to support Phasor Quantum in advancing this next-generation navigation capability.”

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This announcement is authorised by the Board of Hydrix Limited.

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About Hydrix Limited

Hydrix Limited’s (ASX: HYD) mission is to harness the full potential of its powerful innovation capability to deliver high impact technologies that empower and protect lives across its business segments: **Services:** design and engineer and deliver world first products and technology across medtech, defence, industrial and mining sectors; **Ventures:** invests in medtech and defence tech; **Defence:** Advance sensing, navigation and autonomy technologies important to long-term capability priorities in Defence and national security; **Medical:** distributes disruptive cardiovascular products.

www.hydrixltd.com.

Hydrix Services is a wholly owned subsidiary of Hydrix Limited. www.hydrix.com.

About Phasor Innovation

Phasor Innovation Pty Ltd is an Australian owned technology innovation company specialising in radio frequency and microwave engineering, applied electromagnetics, system integration and advanced quantum technologies.

About Phasor Quantum

Phasor Quantum is an Australian owned advanced technology company developing quantum-assured sensing and navigation solutions for dual-use applications across defence, aerospace, industrial and biomedical sectors.

The company’s proprietary magnetic navigation technology combines diamond-based quantum vector magnetic field sensing with advanced navigation algorithms to deliver precision positioning across undersea, surface, airborne and land domains. By detecting subtle variations in the Earth’s crustal magnetic field, Phasor Quantum is developing resilient, GPS-independent navigation systems designed for operation in contested and denied environments.

Phasor Quantum is a subsidiary of Phasor Innovation.

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