

FAQs – Automated Marine Vessel Inspection Technology

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Would XR technologies that aid in identifying visual inspection, not apparent to the human eye using AI, be desired under this topic solution, or is it limited to robotic solutions?

Extended Reality (XR) technologies are out of scope. The RFI is seeking platforms.

Listed under 'Expected Results' section, it mentions there will be no funding available. Listed under 'Evaluation Criteria,' there is a Cost/Schedule criteria. Can you clarify the discrepancy between the cost/schedule if there is no funding available?

The evaluation criteria language is standard for tech challenges. In this case, the Cost/Schedule criteria is the ability to schedule the demonstration with stakeholders within the notional schedule (i.e. Spring 2025).

Is it feasible to fill the tank with water (fresh or salt) to allow a ROV UUV to perform the inspection?

No.

While the solicitation focuses on confined spaces on marine vessels, could submitted solutions also address underwater inspection needs for other structures like water filled ballast tanks?

Although submerged inspection platforms are interesting for other applications, the vessel inspection requirements are for unsubmerged confined spaces.