



IMPA REMOTE PILOTAGE STUDY SEEKS TECHNOLOGY SOLUTIONS FROM MANUFACTURERS AND SYSTEM INTEGRATORS

The international study on remote pilotage launched by the International Maritime Pilots' Association (IMPA) and its partners in the summer 2024 is now reaching out to manufacturers and system integrators to solicit their participation in the trials phases of the study.

London, 6 November 2024: IMPA in collaboration with its partners, the Canadian National Centre of Expertise on Maritime Pilotage (NCEMP) and the Canadian Coast Guard is rigorously exploring remote pilotage to ground-truth its feasibility, readiness, and impacts on safe navigation practices and systems.

The international study on remote pilotage study launched during Summer 2024 is specifically designed to deliver unbiased, science-based and authoritative insights into pilotage as a socio-technical system and the readiness, risks, impacts, benefits, opportunities, and prerequisites of remote pilotage. A crucial part of the work is to conduct trials which will take place over the next two years in three different ways to ensure a safe, thorough, yet scalable process for exploring remote pilotage in mandatory pilotage waters.

The first series of trials will take place in a simulated environment where solutions are trialed on-shore to assess their technical performance and whether they can achieve functional requirements for directing the navigation of ships in mandatory pilotage waters.

The second series of trials would take place on-board a Canadian Coast Guard vessel, which is not subjected to mandatory pilotage requirements, but that would operate in pilotage waters. The focus of these trials is to validate the technical and functional performance established in the simulated environment.

The third and final series of trials are expected to take place in a near real-life environment, on-board commercial ships operating in mandatory pilotage waters. This is the phase that will generate the insights into the readiness, risks, impacts, benefits, opportunities, and prerequisites of remote pilotage IMPA and its partners are looking for.

Captain Alain Arseneault, Executive Director of the National Center of Expertise on Maritime Pilotage, said: 'Manufacturers and system integrators are invited to demonstrate how their solutions to remote piloting meet the needs of the end-users - the maritime pilots. We are committed to ensure every proposal will receive a complete, fair, and transparent assessment. We want to see solutions that can help us safely find the limits of what might be possible.'

Details on the Request for Information process launched today can be found on the [IMPA website](#). Interested manufacturers and system integrators have until 31 December 2024 to submit their proposals for participation in the study.

About IMPA

The International Maritime Pilots' Association (IMPA), established in 1970, represents pilots' organisations in over 50 countries and a professional community of over 8,000 maritime pilots. The Association is a not-for-profit organisation which uses the resources of its membership to promote effective safety outcomes in maritime pilotage as an essential public service. It achieves this objective by bringing together pilots' associations from around the world to share knowledge, expertise and experience on matters affecting maritime pilotage.

The Association is also the active, formal voice of maritime pilotage and pilots in relevant international fora and has been a non-governmental organisation with consultative status at the International Maritime



Organization (IMO) since 1973. IMPA delegates make lasting contributions to different aspects of the technical work of the IMO.

<https://www.impahq.org/>

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