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| From: ARM Committee | ARM21-11.2.4  DTEC5-15.3.5.1 |
| To: DTEC Committee | 23 Oct 25 |

LIAISON NOTE

Revised G1178 An introduction to AI in IALA Domain

# INTRODUCTION

The ARM Committee has received and reviewed an input paper (DTEC5-15.3.5.1) from the DTEC Committee

The input was noted and discussed as part of the Working Group discussions.

# DISCUSSION

The GLA - through the GLA Research & Development Directorate (GRAD) - are currently working on the following relevant projects:

* An "Innovate UK"-funded Knowledge Transfer Partnership (KTP) project for employing ML on optimising AtoN maintenance and failure prediction.
* A partnership with a leading UK university to research the requirements and capabilities of machine vision systems, focusing on the identification of floating AtoNs.

In addition, the GLA in collaboration with GRAD, are currently working on a common AI/ML operational policy.

GRAD is willing to provide more information upon request. Please contact nikolaos.vastardis@gla-rad.org

The ARM committee also recommends including a section on the risks imposed by using AI. Risk and impact assessments should always be performed prior to the development, considering the criticality of the system and/or data where AI is applied. The EU AI Act (<https://artificialintelligenceact.eu/high-level-summary/>) gives some good guidance and best practices which may be used as inspiration.

The ARM committee has an open task to develop guidance on cyber risk management, which may also be valid for AI and privacy topics. Please contact the task leader, m.ebben@portofrotterdam.com, for further discussion.

# ACTION REQUESTED

The DTEC Committee is requested to:

1. Note this Liaison Note and consider the suggested projects and additions.