# TASK 1.X.X Artificial Intelligence (AI) in the IALA domain

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| **Standard** | *None* | | |
| **Recommendation** | *None* | | |
| **Topic Area** | *Artificial Intelligence (AI) in the IALA domain* | | |
| **Task** | *Review AI concerns in respect of:*   1. *Bias (gender / culture / commercial / etc.)* 2. *Accuracy (AI versus deterministic systems)* 3. *Black Box syndrome (when investigating an incident how is IALA to deal with AI Decision Support Tools)* | | |
| **Objectives of the task** | *Understand the advantages and risks of AI within the IALA domain and how to manage this within the IALA domain now and provide the guidance going forwards with the rapid growth of AI and its capabilities.* | | |
| **Expected outcome** | *Recommendation and Guideline that includes an Audit component* | | |
| **Compelling need** | *AI is being made part of Decision Support Tools and work is ongoing looking at:*   1. *Ensuring VTS operator focus* 2. *Approach and departure management* 3. *AtoN system availability management* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  **Strategy** | | |
| **Scope** | **In Scope:**  *Artificial Intelligence with Machine Learning and Deep Learning are in scope.*  *Commercial solutions and the operation of these solutions is out of scope.* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | 1. *Understand the AI terminology (operational perspective)* 2. *Understand the pitfalls (Operational perspective)* 3. *Understand how AI systems are audited* 4. *Align the AI terminology with the IALA terminology* 5. *Generate an IALA Guideline (similar to AI policies in industry)* 6. *Generate an IALA Recommendation* 7. *Generate an IALA centric AI audit that supports the IALA Guideline and Recommendation on AI* | | |
| **Expected numbers of sessions for completion** | Session number (relate to Committee Session) ENAV:  28 29 30 31 32 33 34  x  x | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** |  | **Comments** |
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|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |