| **ARM Committee Work Programme 2023-2027** | | | |
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| **Standard** | S1010 | | |
| **Topic Area** | Risk Management | | |
| **Task** | 1.4.1 Conduct a global scan of current risk analysis tools and identify potential candidates for inclusion within the IALA Risk Management Toolbox. | | |
| **Objectives of the task** | To identify who is currently using existing IALA Risk Management Toolbox tools, how frequently, and for what purpose.  To identify other tools used currently for navigational risk assessment that could be added to the IALA Risk Management toolbox. | | |
| **Expected outcome** | Identification of additional tools or modification of existing tool methodologies to reflect global industry best practice. | | |
| **Compelling need** | In order to ensure the IALA Risk Management Toolbox is as effective and current as possible, it is necessary to review tools currently utilised by risk management practitioners.  The work may involve update of existing tools to ensure they are also reflective of current best practice. | | |
| **Strategic Alignment** | **Goal**  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  G2 - All coastal states have contributed to a sustainable and efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S3 - Coordinate the further development of Marine Aids to Navigation, taking into account evolving operational and functional requirements, new techniques, new technologies and sustainability | | |
| **Scope** | **In Scope:**   * Review of existing tools to make a qualitative judgement on applicability. * (Does not include tool testing initially, although this may change as the task develops) | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones include:  **By ARM 18**  Conduct Initial email survey of:   * IALA Members * Risk alumni   with questions to include:   * What is your organization? * What responsibilities does your organization cover (e.g. AtoN, VTS, pilotage)? * Do you carry out risk assessments, and what tools do you use (e.g., techniques, methods, philosophies)? * The last time you made changes to your waterway, or made decisions about it, what process did you use to make those changes (e.g., ad-hoc decision-making, navigational risk assessment)? What was the reason for the change? * Are you available to discuss this process further in a 30-minute virtual or telephone interview?   Follow-up 30-minute, structured, virtual or telephone interviews with additional questions to include:   * Are you aware/familiar with the tools in the IALA Toolbox? * Do you use any of the tools mentioned in Table 2, G1018? * Why or why not do you use the tools? * What other tools do you use to assess navigational risk?   + Tool name   + Qualitative or quantitative   + Data required   + For which step of the risk assessment (FSA process) are you using the tool?   + What type of project were you conducting the risk assessment for? * What tools do you use to assess other risks within your maritime transportation system? * How frequently do you use the tool(s) Are there others within your organization who use the tool? – (Contact details) * Do you use any sort of cost benefit or cost effectiveness analysis (Step 4 of the FSA)?   **By ARM 19**  Continue telephone interviews as above and summarise potential options into an input paper for ARM 19. Continue task based on ARM 19 findings. | | |
| **Expected numbers of sessions for completion** | Session number:  17 18 19 20 21 22 23  X  X  X | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |