Global-X Challenge Grant White Paper (5 pages max) Date:

**(Title)**

Global-X Challenge Topic: AI for Advancing Maritime Security

Principal Investigator: E: [email address] M: [mobile #]

Country & Institution:

Teaming Countries & Institutions:

**Does this project involve the study of humans, animals or environmental/biosafety issues?** [ ] **Yes /** [ ] **No**

**Executive Summary/Abstract:**

[Just one paragraph that clearly states what is novel in your proposal and how it will overcome specific technical challenges and advance the state of the art]

**Proposed Period of Performance:**

**Rough Order of Magnitude Costs:**

[This is not a detailed budget. Include costs for the initial research period, and optional research period if proposed, and the total cost. Indicate the type and numbers of researchers (e.g. researcher, post-doc, graduate students) who will be funded. If costs will be shared, indicate the shared amount.]

**Background:**

[Briefly describe state of the art and technical/knowledge gaps]

**Hypothesis and Specific Research Objectives/Outcomes:**

[What problem(s) and/or question(s) will your research seek to solve/answer?]

**Technical concept and approach:**

[Describe the technology innovation and risks and how your proposed effort will close the technical/knowledge gaps and advance the state of the art. Describe your proposed concept demonstration during the initial research period and what you intend to accomplish in a proposed optional research period. What is novel or different about your approach? What technical disciplines will you use to accomplish your objectives?]

**Potential Military and Commercial Value:**

[Describe how your revolutionary concept may affect future naval capabilities and provide new commercial products or services. What transition paths do you plan to pursue if your concept demonstration is successful?]

**References:**

[Just those cited in your white paper]