Color Guide 1

Category	Information Revealing	Levels Associated	Remarks
Funding and Resources	Funding Organization	Green to Yellow	The fact the DOF would have interest in this topic area is Green. Correlation to funding account numbers and the DOF is Yellow. Information revealing funding obligations and expenditure rates associated with this project is Yellow.
Operations	Field Operations	Green to Red	Successful field operations demonstrating the project's potential is Green. Slight delays due to issues in coordinating field operations is Yellow. Concerns about the project's operational feasibility due to major issues in field operations is Red.
Operations	Technical Operations	Green to Red	Smooth technical operations demonstrating robust system design is Green. Slight project timeline delays due to minor technical issues is Yellow. Disruption in project operations due to major technical failures leading to a comprehensive system review is Red.
Operations	Training and Personnel Operations	Green to Red	An effective training program for operating personnel ensuring smooth operations is Green. An ongoing review to refine the training program based on initial field experience is Yellow. Operational inefficiencies due to a lack of adequate training for the operations team is Red.
Operations	System Deployment Agility	Green to Red	Security protocols effectively protecting the system's modular design and rapid deployment capabilities are Green. Minor security issues affecting system deployment agility are Yellow. Major security breaches causing significant delays or inability to deploy the system effectively are Red.
Operations	Post Mission Analysis	Green to Red	Effective security measures protecting post-mission data analysis and the system's learning capabilities are Green. Minor security vulnerabilities affecting post-mission analysis or system learning are Yellow. Major security breaches preventing effective learning or enhancement of system performance are Red.
Organizations Involvement	Organizational Collaboration	Green to Red	Collaborations with international partners, expanding project resources, is Green. The involvement of a global tech company with a recent data breach scandal is Yellow. Coordination issues due to the involvement of too many organizations is Red.

Organizations Involvement	Organizations	Green to Red	Association of this project to the Department of Ocean Forces is Green. Associating the project with the DOF's Del Rio office is Red. Collaboration between DOF and Halcyon Inc. is Green. Collaboration between DOF Del Rio and Halcyon is Yellow. Association of Halcyon Inc. and the project name "Seahawk" is Red.
Program Names	Official Naming	Green to Yellow	The official title "Sea Guardian Project" is Green. The project name "Seahawk" is Yellow.
Project Scope	Scope and Mission	Green to Yellow	The project's goal to enhance search and rescue operations globally is Green. Data associated with Tampastan in relation to this project is Yellow.
Risk Management	Risk Mitigation	Green to Red	A well-defined risk management plan reducing unexpected setbacks is Green. Potential risks like technology failures not being adequately addressed in the risk management plan is Yellow. Threats to the project's successful completion due to lack of a comprehensive risk management plan is Red.
Technology Concepts	AI Technologies	Green to Red	The revolutionary AI-driven technology for maritime search and rescue operations is Green. Concerns about AI's adaptability to different marine environments is Yellow. Significant project setbacks due to AI system failures during testing is Red.
Technology Concepts	Remote Sensing and Communication	Green to Red	The integration of remote sensing technology enhancing search and rescue capabilities is Green. Refinement needed to improve communication systems' reliability under adverse conditions is Yellow. Issues with remote sensing technology detecting small vessels, causing concerns about its effectiveness, is Red.
Technology Concepts	Navigation and Tracking Systems	Green to Red	The advanced navigation system for accurate real-time tracking of rescue operations is Green. The tracking system being fine-tuned to improve accuracy in tracking small marine vessels is Yellow. Concerns about the navigation system's reliability due to failures in delivering precise coordinates under certain conditions is Red.
Technology Concepts	System Loitering Time and Power Management	Green to Red	Successful implementation and security of the hybrid power system and energy management system is Green. Minor security concerns related to these systems are Yellow. Major security issues affecting system loitering time and power management are Red.
Technology Concepts	System Speeds and Search Swath	Green to Red	Security protocols effectively protecting the propulsion system and flight pattern algorithms are Green. Slight security vulnerabilities affecting system speed or search swath are Yellow.

			Significant security threats impacting these functionalities are Red.
Technology Concepts	Survivability and Safety Measures	Green to Red	Security measures successfully protecting Halcyon's resilient design, triple-redundant flight systems, and self-diagnostic capabilities are Green. Minor security concerns in these areas are Yellow. Major security breaches affecting survivability and safety measures are Red.
Technology Concepts	High Confidence Detection Rates	Green to Red	Security measures effectively protecting advanced sensor technologies and the AI system are Green. Minor security vulnerabilities affecting the detection rates are Yellow. Significant security threats impacting detection rates are Red.
Technology Concepts	Multi-module Sensors	Green to Red	Effective security measures protecting all sensor types are Green. Minor security vulnerabilities within the sensor suite are Yellow. Significant security threats causing sensor malfunctions or inaccuracies are Red.
Technology Concepts	Autonomous Navigation	Green to Red	Successful security measures protecting the real-time sensor data, AI-powered path planning, and adaptive navigation algorithms are Green. Minor security vulnerabilities in these areas are Yellow. Significant security threats causing major failures in the autonomous navigation system are Red.
Technology Concepts	Detection and Identification Capabilities	Green to Red	Effective security measures protecting the AI system and sensor suite used for detection and identification are Green. Minor security vulnerabilities affecting detection accuracy are Yellow. Major security threats causing inaccurate identification or high false-positive rates are Red.
Technology Concepts	Scalability	Green to Red	Successful security protocols ensuring effective scalability are Green. Minor security issues affecting system scalability are Yellow. Major security breaches causing inability to scale the system effectively for extensive operations are Red.