

Solutions overview

Services available to our clients, relevant to both shipping and offshore companies

Risk Intelligence assists its clients in avoiding security risks as well as providing advice on how to reduce their risks for transits and operations worldwide.

The first element of our services consists of risk avoidance intelligence analysis through **MaRisk**, which gives the client an overview of current events and threats, as well as specific vessel/operation monitoring at the same time. The latter is done through integration of satellite fleet tracking systems into MaRisk where the client is able to see his own vessels' positions next to MaRisk incident reports and warnings/alerts.

The second element is a **threat assessment**. This could be an assessment of threats for a voyage or an operation without an in-depth analysis of the ship/asset. This may become necessary in the bid phase of a project, where the management needs an external evaluation of the threat. The threat assessment can assist in deciding whether to go ahead with a bid or whether to factor additional security costs into the bid.

For a more detailed assessment, the third element is the **Security Risk Assessment (SRA)**. The SRA includes a vulnerability assessment of the vessel/asset in question, a threat assessment and a formal risk assessment of the operation or transit. Scenarios take into consideration adversary options, environmental factors, self-protection measures and more. The results are given in writing (qualitative analysis) and in a matrix form (semi-qualitative analysis). If desired, client risk management criteria will be applied. Specific recommendations are provided on how to reduce the risks. This provides the basis for management decision making.

The vulnerability assessment can be based on an on-board **Ship Security Survey (SSS)**. For a SSS, a two-man team surveys a vessel using hardening, procedural and training criteria. A report for the company and master identifies the vessel's vulnerabilities and provides detailed recommendations. If an on-board survey is not possible due to time, geographic or financial considerations then the survey will be substituted by a desktop survey, e.g. as input for a SRA. This is based on general arrangement plans, pictures and management documentation.

On request, and based on the recommendations provided in the SSS or SRA, Risk Intelligence can provide a team to supervise and advise on the implementation of the recommendations on board the vessel. Depending on the complexity and scope of the task, this may take two to six man days.

Depending on client preferences for risk mitigation, Risk Intelligence can offer a range of solutions to assist in transits through, or deployments to, high risk areas. In the case of a vessel/asset that has not been assessed as exceptionally high risk, Risk Intelligence can provide an unarmed bridge advisor team consisting of two to four consultants for the full voyage with the assistance of closely selected and vetted sub-contractors. Such unarmed escorts have been successfully conducted by Risk Intelligence in the past on transits through the Horn of Africa region.

If the transit or operation has been assessed as being viable only with armed protection then Risk Intelligence can advise companies on selecting the most suitable, reliable and competent armed

security provider. Risk Intelligence has been monitoring the maritime security industry closely and will provide a customer with a shortlist of two to three companies.

Risk Intelligence has also provided on-board security advisors to act on behalf of the owners or charterers during offshore operations. Their role has been to provide independent advice as well as coordinate security efforts from the stakeholders involved in the operation, typically oil companies, their security contractors, government security, charterers, operators and owners.

In the event of a security incident involving a client vessel, Risk Intelligence can provide a post-incident assessment. Risk Intelligence consultants will support the master and crew after the incident in combination with client staff and other experts. Upon request, Risk Intelligence can perform root-cause analyses for security-related failures and make recommendations for improvement and recovery.

At the management level Risk Intelligence offers advice **contingency planning** and facilitation of updating current plans to include measures related security incidents such as hijacking, kidnap/ransom and other maritime security incidents. This also includes exercises at company level to ensure that the plans are also implemented and tested.

All the services described above can be delivered as stand-alone services and they can be adapted to meet specific customer requirements.