

THE DACOR SYSTEM / SEA GUARDIAN SG LTD

As President of SEA GUARDIAN SG LTD, I have the pleasure to introduce to the International Maritime Community the inhouse developed DACOR system, a web-based tool that improves the fast understanding of the maritime situational awareness for shipping, thus contributing to the maritime security of Seafarers, vessels and cargos.

SEA GUARDIAN has taken steps to improve the decision-making process of its Shipping Partners and Armed Security Teams aboard vessels sailing through high-risk areas, among other things. SEA GUARDIAN has developed a web-based Data, Control, and Reporting System, code name DACOR, to better visualize and present its weekly and monthly maritime situational awareness reports, as well as provide assessment and improved situational awareness.

The system's programming code is under continuous re-evaluation by the SEA GUARDIAN IT developers to keep it constantly aligned with current and future demands and challenges.

DACOR does not need any download or any special device. Any system that can run Windows, Apple, or Android (in Edge, Safari, Google Chrome, or other browsers) is sufficient, requiring only a medium-speed Internet connection of any kind (wired, wireless, terrestrial, or satellite).

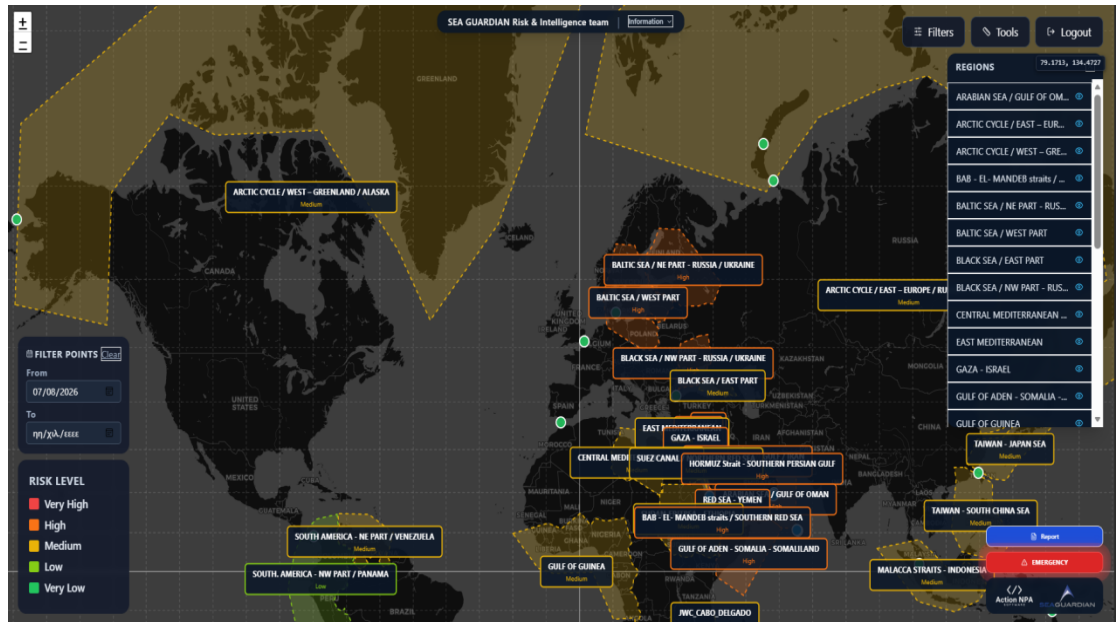
The system offers an advanced data, control, and reporting environment (not just a digital guard), providing near-real-time maritime intelligence, risk analysis, and secure communication. DACOR is not only an interactive map a user sees upon log-in, but also a series of capabilities (including guarding, warning, assessing, consulting, and even scouting), together with reports, updates, and daily key events processed on a continuous 24/7 basis. A user can get an overview of global incidents, receive near-real-time threat assessments, and access structured data on maritime security, operations, and navigation issues. It allows the user to prepare reports fast and communicate securely, providing confidentiality to support personalized client access. The DACOR system supports the decision-making process at every level, including strategic (management), operational (office operators), and tactical (Masters & Security Team Leaders).

John Pavlopoulos

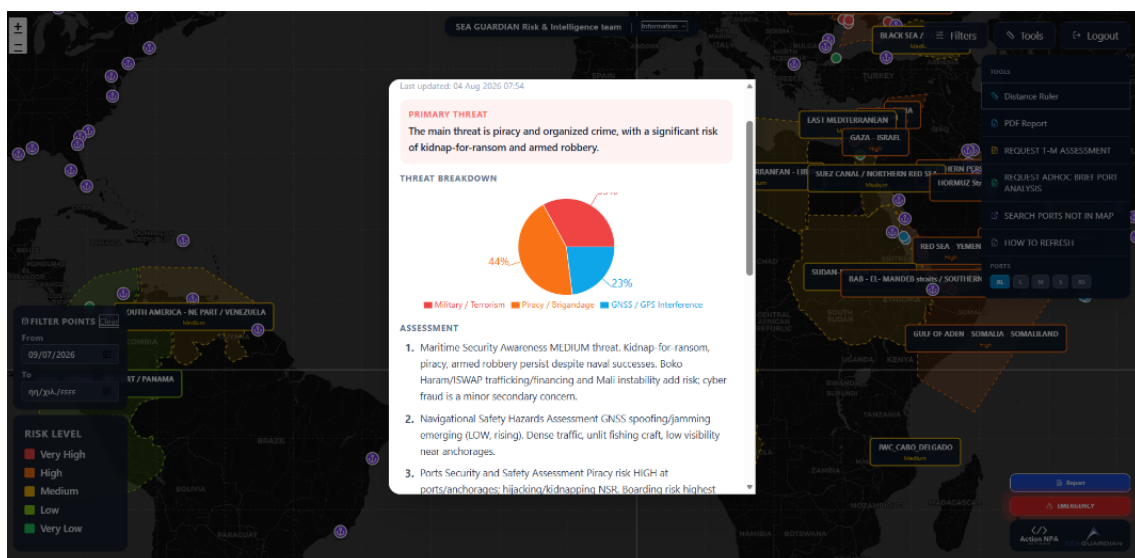
President of the SEA GUARDIAN Board

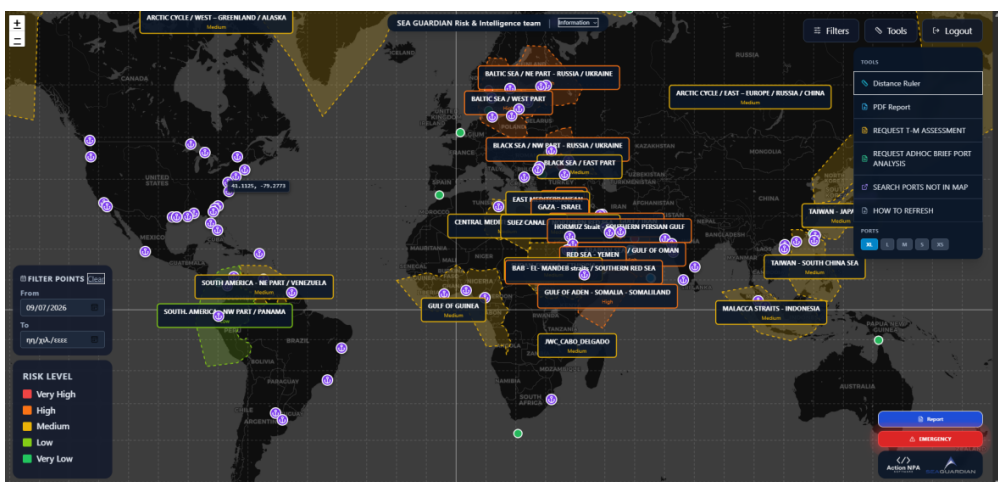
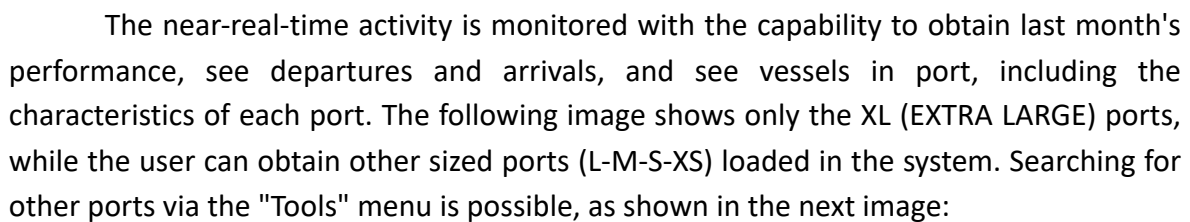
Detailed Presentation

The system monitors and assesses permanently 25 regions around the globe, chosen according to their importance for international shipping, the risks they are exposed to, and the traffic performance of a strait. Through the menu filters the user can obtain/hide the maritime region he would like to examine:



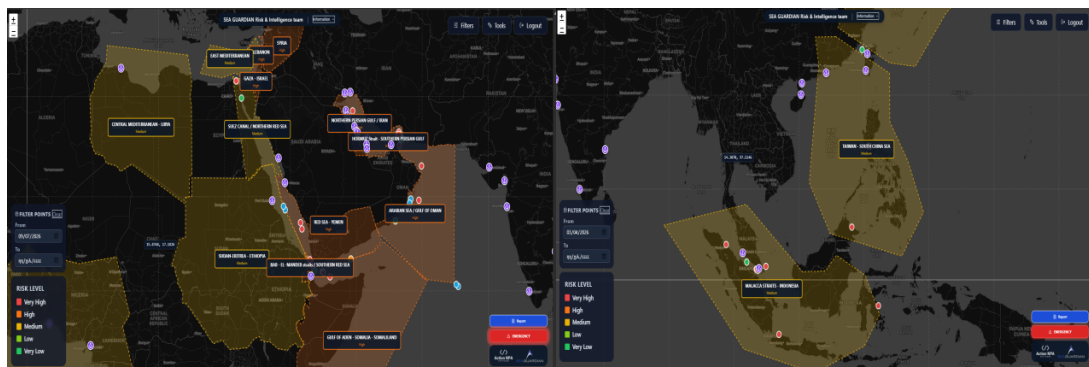
Each region projects different threats and risks in the maritime domain relevant to the geopolitical, geo-economic, or social situation on land. Those threats and risks are depicted in a breakdown chart along with a brief assessment and consultancy:



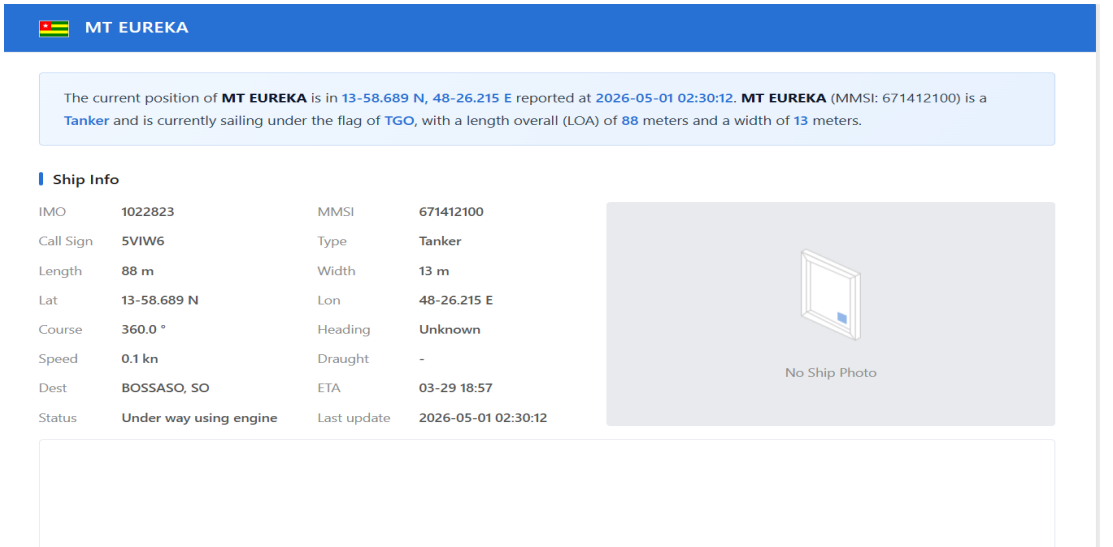
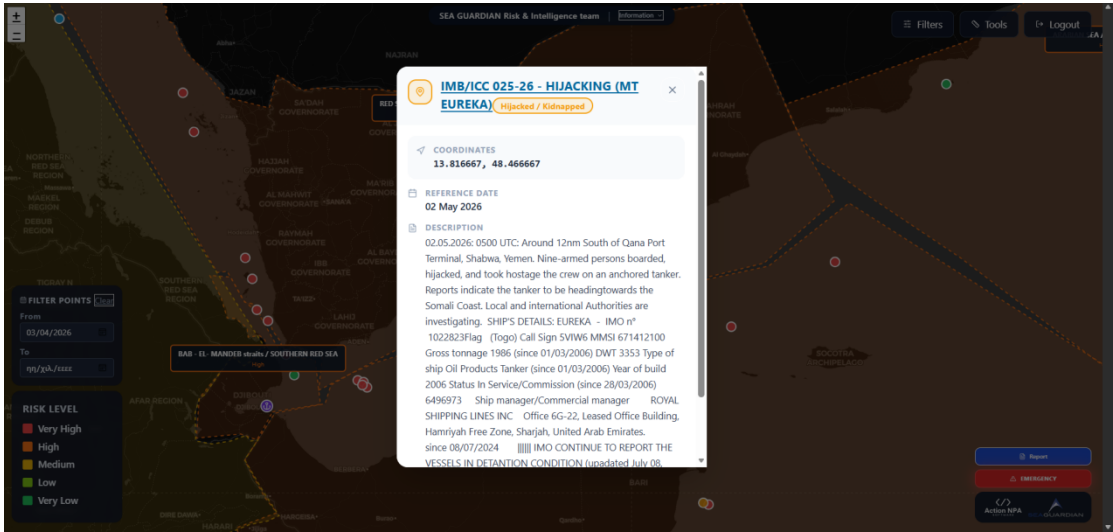
[illegible]

Ports Database								
Name	Type	Size	Vessels In Port	Arrivals	Departures	Expected Arrivals		
 AABENRAA	Port	Small	60	10	9	1		
 AAGOTNES	Port	Small	7	3	5	0		
 AAHEIM	Port	Small	2	1	1	1		
 AALBORG	Port	XLarge	95	9	20	14		
 AALSMEER	Port	Small	52	15	13	1		
 AALST	Port	XSmall	2	0	1	2		
 AARHUS	Port	Large	177	38	74	5		
 ABADAN	Port	XLarge	1	0	0	0		
 ABASHIRI	Port	Small	0	0	0	1		
 ABELNES	Port	XSmall	3	23	21	1		

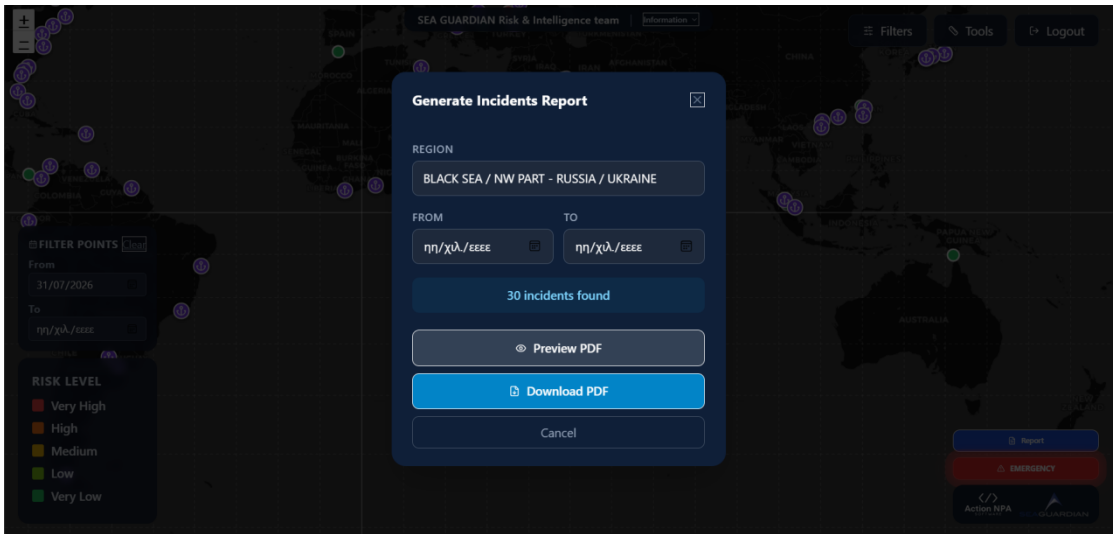
Maritime security breaches worldwide are loaded on a 24/7 basis from numerous sources to build the strategic, operational, and tactical maritime picture. Additional details are drawn from UKMTO, IMB/ICC, MDAT-GOG, MSCIO and other open sources, adding extra details for each incident. By default, once the user activates DACOR, the ongoing month's incidents are presented, and the user can also select any desired period to project previous cases.

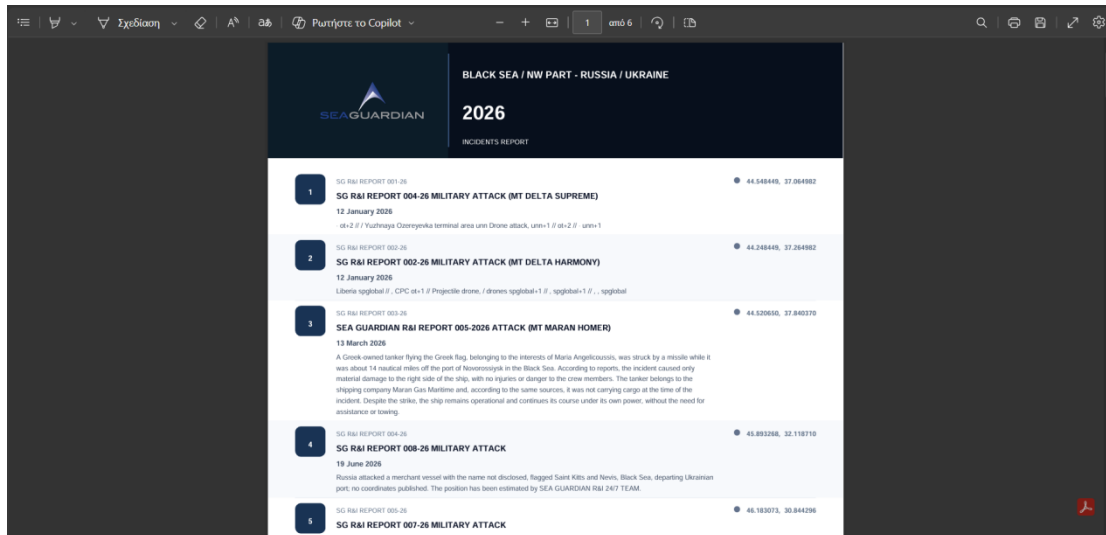


The details of each incident can be obtained by opening the relevant folder, while the user can also see the last known position of the vessel affected:

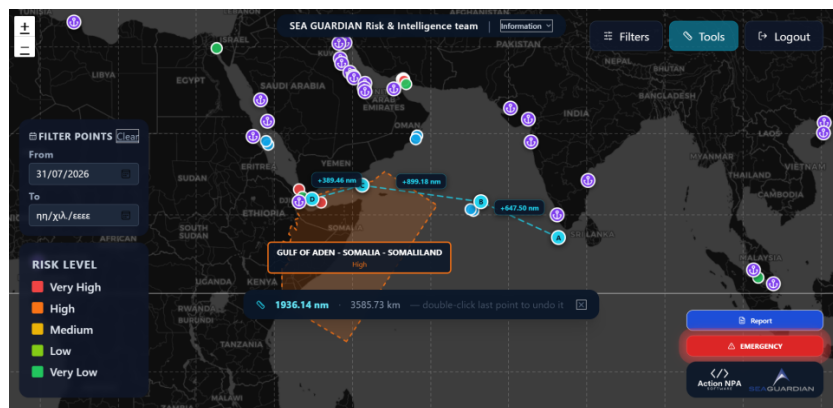


As DACOR is a multi-layered data, control and reporting system, the user can auto-call the generation of a report for incidents by region:

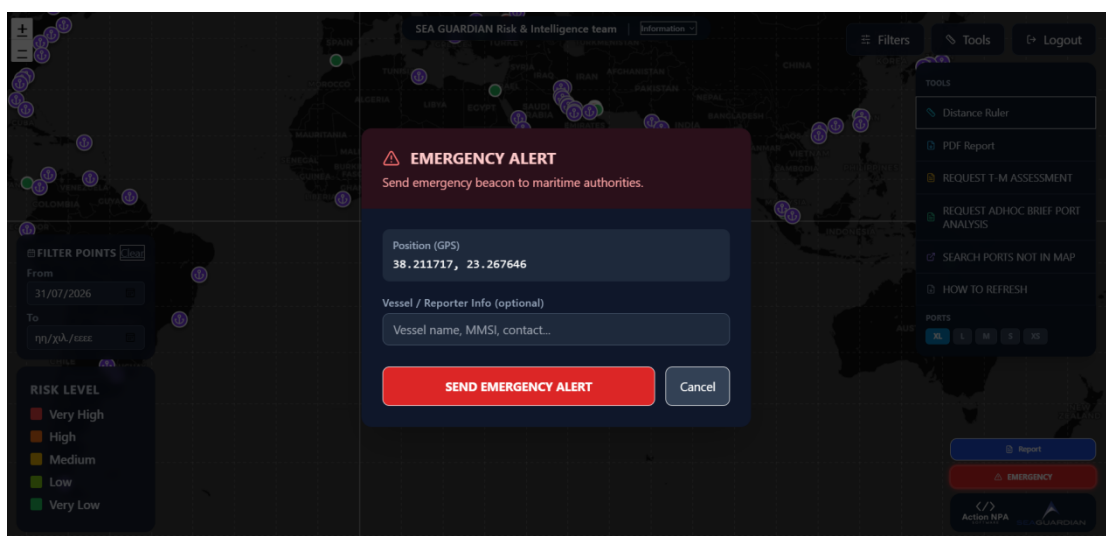


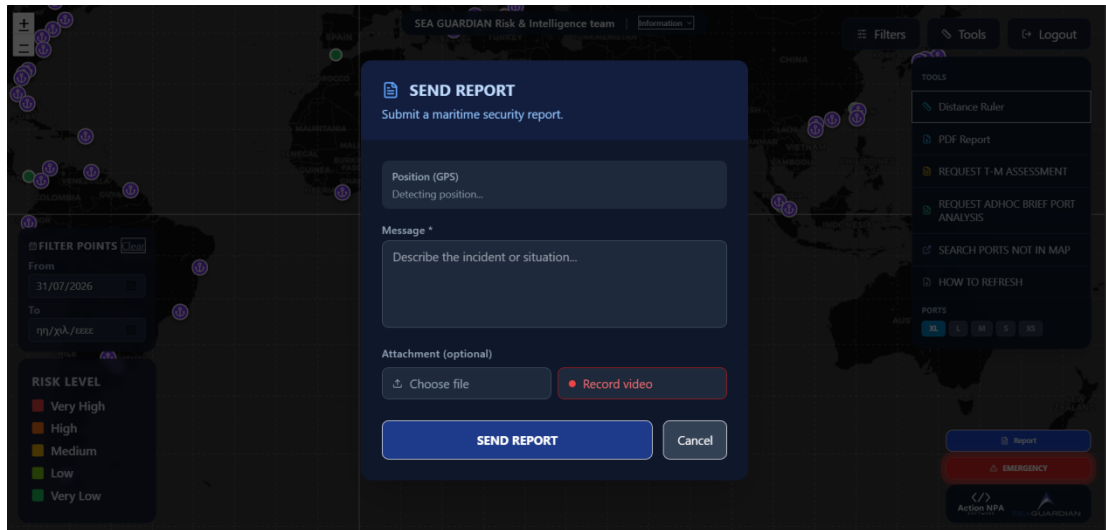


Once the user wishes to plan a voyage, he/she can also measure distances with the “distance ruler” contained in the menu of “Tools”:

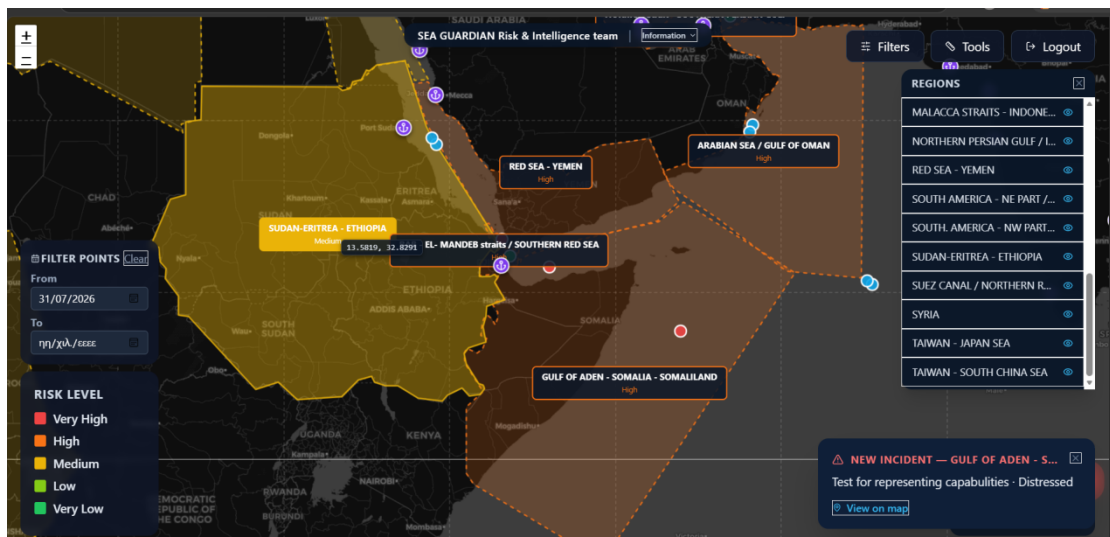


A “close reporting system” is provided exclusively for the “user’s eyes only”, administered by SEA GUARDIAN or the shipping company management. The menus for emergency alerts and reports are depicted in the next two images:





If an incident occurs or there is a brief change in the assessment/consultancy for a given situation, the system auto-generates notifications, by sending e-mails to the users, while providing notification on the map profile when opening:



[SeaGuardian] New Incident Alert — GULF OF ADEN - SOMALIA - SOMALILAND



SeaGuardian - DaCoR System μέσω srv1652.main-hosting.eu
προς εγώ

10:05 π.μ. (πριν από 1 λεπτό) ☆ 😊 ↶ ⋮

Dear SEA GUARDIAN Risk & Intelligence team,

A new incident has been reported in a maritime region you are monitoring.

Region **GULF OF ADEN - SOMALIA - SOMALILAND**

Incident Test for representing capabilities

Status Distressed

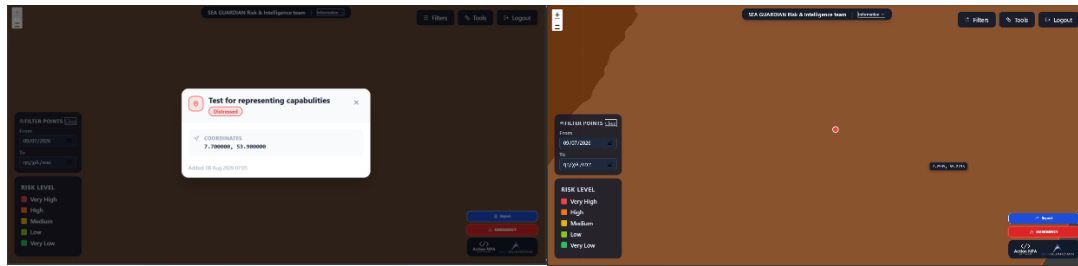
Location 7.700000, 53.900000

Date / Time 08 Aug 2026 07:05

[View incident on map](#)

— SeaGuardian - DaCoR System

The user can also go directly to the incident, once it has been inserted:



Another function is the auto representation of emergency reports on the map:

EMERGENCY ALERT - ArkadoAI Threat Dashboard Inbox x

ArkadoAI Systems via srv1652.main-hosting.eu
to opscenter, me, dimifak, tziallasv

10

EMERGENCY MARITIME SECURITY ALERT

This is an automated emergency notification from the ArkadoAI Maritime Threat Intelligence System.

Vessel in distress has activated emergency beacon.

DEFINITIONS FOR DISTRIBUTION UNDER THE RULE "NEEDED TO KNOW"

SHIP OPERATOR OR SEA GUARDIAN R&I RESPONSE TEAM CAN REDIRECT THE MESSAGE, INSERTING ANY FURTHER DESCRIPTION TO:

- * JOINT MARITIME INFORMATION CENTER: watchkeepers@ukmta.org JMIBCahrain@us.navy.mil
- * UKMTA Operations centre: watchkeepers@ukmta.org
- * MDTAT-GOG operation center: watchkeepers@mdat-gog.org

1. THE POSITION IS NOT REPRESENTED ON THE DACOR WEB MAP FOR ANY USER UNTIL FURTHER NOTICE BY OPERATOR.
2. VESSEL OPERATOR'S CONSENT IS NEEDED FOR THE POSITION TO BE REPRESENTED ON DACOR.
3. THE RELEASE OF ANY INCIDENT'S POSITION REMAINS ON THE OPERATOR'S DISPOSAL UNTIL OTHER OPEN SOURCE IS PUBLISHED.

Location: 38.211377, 23.267824

Google Maps: <https://maps.google.com/?q=38.2113769,23.2678237>

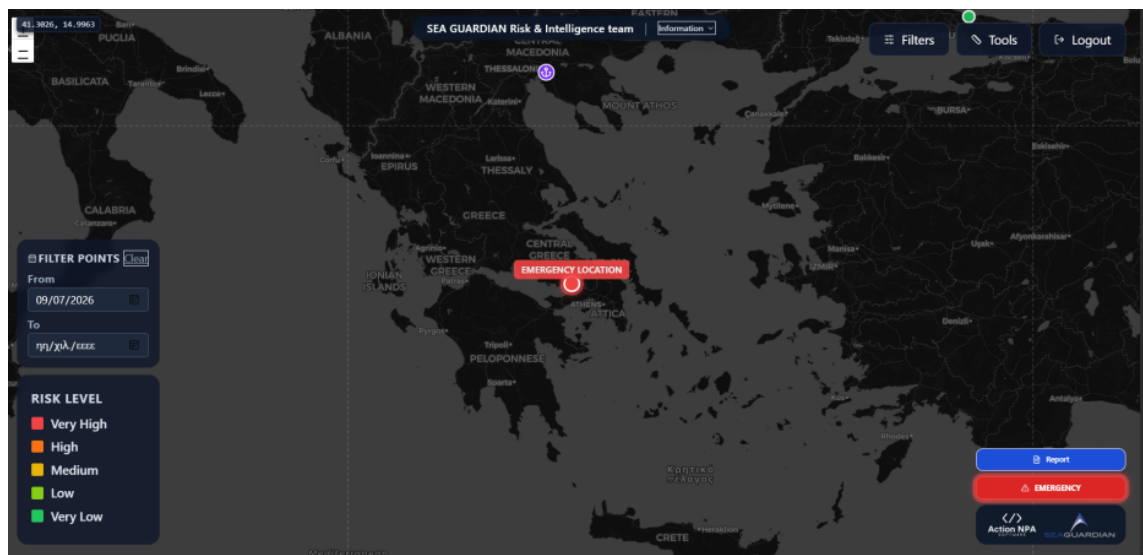
View on system map: <https://3dguardian-psc.com/arkadoai-threat/#/emergency/38.2113769/23.2678237>

Reported by: Anonymous

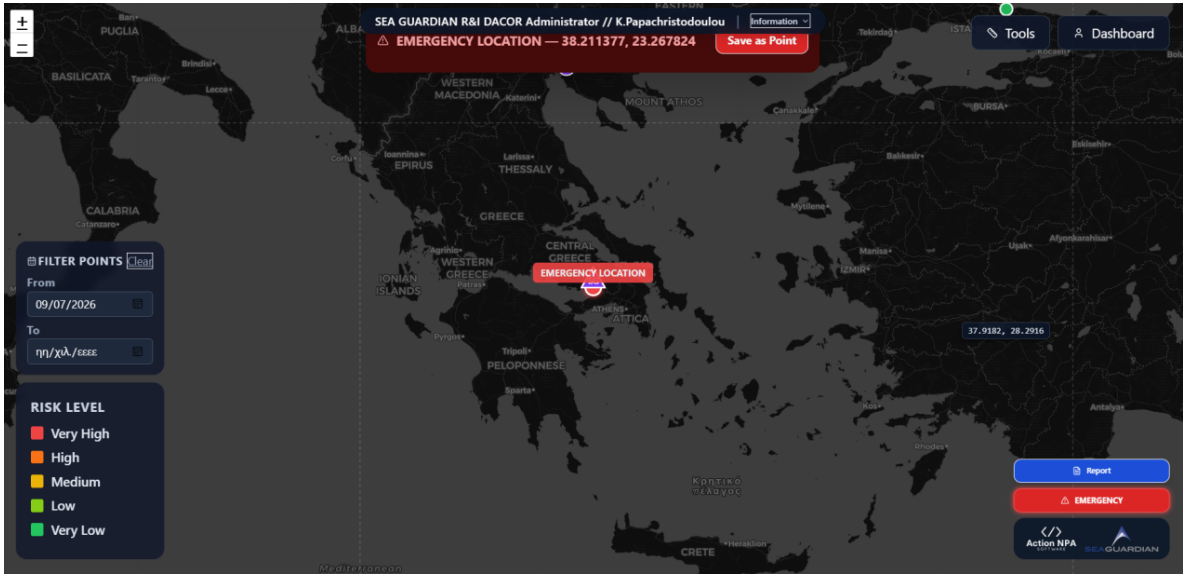
Sent by: SEA GUARDIAN R&I HEAD // K.Papachristodoulou (Admin)

Date/Time: 08 Aug 2026 07:10:57 UTC

Choosing to obtain the emergency report on the map, the relevant location is depicted:



Unless the emergency position is being released by the shipping company of a vessel, only SEA GUARDIAN admin (Head of Intelligence), editor (OpsCenter), and editor/ext (Maritime company's operations or security) possess this information.



After assigning the emergency alert to a fixed location, a notification is sent, and the incident can be updated with further details:

Editing: Emergency Location

Name *
Emergency Location

Status
Distressed

Link URL (optional)
https://...

Latitude *
38.211377
→ 38.211377°

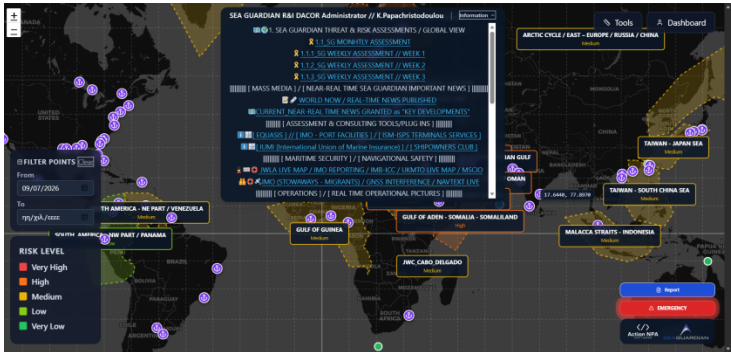
Longitude *
23.267824
→ 23.267824°

Reference Date
08/08/2026

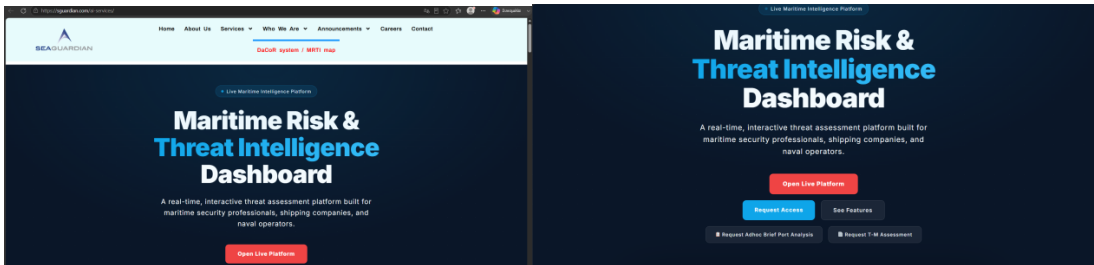
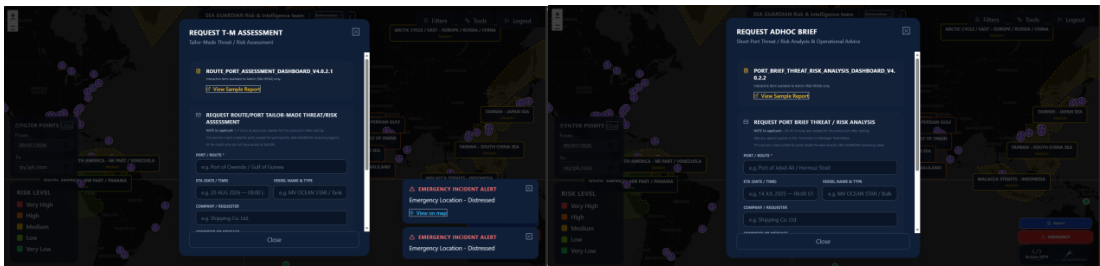
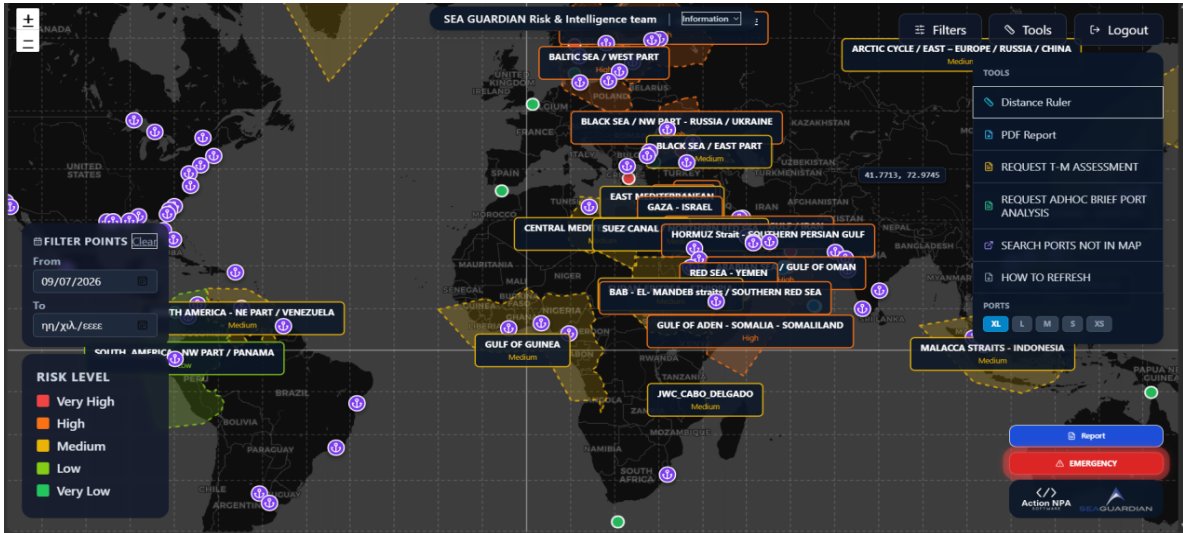
Brief Description
Emergency alert location reported via system email link. /////////////// UPDATE 001: |

UPDATE POINT Cancel

Once a user opens the DACOR system, he/she has access to multiple plug-in SEA GUARDIAN resources, once “Scouting” has chosen to permanently populate the system with the new information and employ all of its supporting tools:



As DACOR accumulates a large number of information reports and evaluations from maritime experts, enhanced by AI supportive tools and internal apps/algorithms for the production of assessed information (Intelligence), it is capable of supporting a user’s request for a “tailor-made” assessment:



TAILOR-MADE REPORT “SAMPLES”

SEA GUARDIAN "Route"/"Port" Tailor-Made Assessment

SG REGION: GULF OF GUINEA // STATE-COUNTRY: GABON // PORT: OWENDO (GAOWE)

Μετάφραση σελίδας από Αγγλικά;

Μετάφραση σε

Ελληνικά

Μετάφραση Περισσότερα

PUBLISHED

August 01, 2026 10:58 EEST

SEA GUARDIAN PMSC - R&I TEAM
ASSESSMENT DASHBOARD - VERSION 4.0.2
MAIN SOURCE: DACOR SYSTEM
© SEA GUARDIAN R&I HEAD

GEO-POLITIC Situation - Regional SAFETY / SECURITY Conditions

It is given the general frame of the region's environment, the threat / risks levels from DACOR system with corresponding state's mitigation capability

BRIEF GEOPOLITICAL SITUATION

Gabon's 2023 military coup ended 55 years of Bongo family rule and led to a new constitution and elections in 2025 under General Brice Oligui Nguema, creating a "Fifth Republic" that is formally civilian but still heavily securitized. The country is richer and more stable than Sahelian neighbours, with no active insurgency, but governance remains marked by corruption, weak institutions, and questions over the credibility of the 94.9% electoral result.[worldbank]

Externally, Gabon is rebalancing away from its traditional French-centric posture, seeking more space for Chinese and other non-Western partners in

ISPS Compliance - Port's threats / risks levels

ISPS compliance and the current level is implemented, threats / risks levels and corresponding mitigation capability.

FACTORIZE RESULT	THREAT/RISK LEVELS	MITIGATION CAPACITY
Theft	MEDIUM	MODERATE CAPACITY
Drug Traffic	MEDIUM	MODERATE CAPACITY
Illegal immigration	LOW	INCAPABILITY
Voluntary pollution	LOW to MEDIUM	INCAPABILITY
Spillover	MEDIUM	MODERATE CAPACITY
Terrorism	LOW	MODERATE CAPACITY
Piracy	MEDIUM	MODERATE CAPACITY
Cyber-attack	LOW	INCAPABILITY
Hijack	MEDIUM	MODERATE CAPACITY
Boarding	MEDIUM	MODERATE CAPACITY
Attack	MEDIUM	MODERATE CAPACITY
Suspicious Approach	MEDIUM	MODERATE CAPACITY
Robbery	MEDIUM	MODERATE CAPACITY
Stowaways	MEDIUM	MODERATE CAPACITY

SEA GUARDIAN "Port" Threat / Risk Analysis Advice

STATE-COUNTRY: GABON // PORT: OWENDO (GAOWE)

Μετάφραση σελίδας από Αγγλικά;

Μετάφραση σε

Ελληνικά

Μετάφραση Περισσότερα

PUBLISHED

August 06, 2026 - 18:30 EEST

SEA GUARDIAN PMSC - R&I TEAM
ASSESSMENT DASHBOARD - VERSION 4.0.2
MAIN SOURCE: DACOR SYSTEM
© SEA GUARDIAN R&I HEAD

ISPS Compliance - Port's threat / risk levels

They are given the compliance status and the performing measures as well as the threat/risk levels per sector of. Additionally, the "near-real time port activity can be obtained using the "name" of port or "UN/LOCODE": PORT ACTIVITY

FACTORIZE RESULT	THREAT/RISK LEVELS	MITIGATION CAPACITY
Theft	MEDIUM	MODERATE CAPACITY
Drug Traffic	MEDIUM	MODERATE CAPACITY
Illegal immigration	LOW	INCAPABILITY
Voluntary pollution	LOW to MEDIUM	INCAPABILITY
Spillover	MEDIUM	MODERATE CAPACITY
Terrorism	LOW	MODERATE CAPACITY
Piracy	MEDIUM	MODERATE CAPACITY
Cyber-attack	LOW	INCAPABILITY
Hijack	MEDIUM	MODERATE CAPACITY
Boarding	MEDIUM	MODERATE CAPACITY
Attack	MEDIUM	MODERATE CAPACITY
Suspicious Approach	MEDIUM	MODERATE CAPACITY
Robbery	MEDIUM	MODERATE CAPACITY
Stowaways	MEDIUM	MODERATE CAPACITY

ISPS-ISM Port/terminals facilities - Special Details

It is provided the ISM-ISPS services assessment and special details in accordance with queries or SEA GUARDIAN analysis. Additionally search for ISM-ISPS port/terminal services: ISM-ISPS Ports / Terminals

REQUESTED QUERY:

Owendo – inland capabilities and ability to meet cargo demands

ASPECT	BRIEF ASSESSMENT (REAL SITUATION)
Bulk mineral terminals	Dedicated mineral port operated by COMILOG plus GSEZ Mineral Port; combined manganese export capacity targeted around 15 million t/year.[uprocessmin]
Storage and	About 600,000 t manganese stockyard capacity and large reclaimed

Once there is an application from a partner (shipping company) to acquire access to DACOR, the following link has to be reached in order to be informed about the capabilities and access: <https://sguardian.com/ai-services/>

SEA GUARDIAN’s DACOR system provides unmatched situational awareness, including maritime intelligence and assessment, in a rapidly changing and challenging environment, so as to allow our Shipping Partners, Masters, and Security Team Leaders to make decisions on maritime operations in a timely manner.

Head of SG Intelligence Department
Kostas Papachristodoulou