

HACKTORIA

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INTRODUCTION TO...

MARITIME
OSINT

Briefing

Greetings, Special Agent K.

We've been contacted by the NMIO (National Maritime Intelligence-Integration Office). They're absolutely swamped with work right now, and are seeking additional resources. I've gone over the details of the engagement with them and it seems within our scope of operations.

They're offloading a variety of Maritime OSINT related tasks to us. To help us get started, I've batched them in groups for our analysts. Since you're the best I've got, you'll be handed the most critical items.

There is no set timeframe, but we'd still want to deliver our results in a speedy fashion. The NMIO are one of our biggest clients, and I'd like to keep it that way.

I trust you'll do SERPENT proud and resolve all items quickly and with excellent accuracy.

You'll find all the materials in this briefing, with the corresponding files to unlock your targets.

As always, Special Agent K, the contract is yours, if you choose to accept.

01. Vessel Tracking and AIS

Identify the following vessel from its picture and find its IMO number. Then figure out what port the vessel was on February 8 of 2026. Use the IMO number + UN/LOCODE.

Example answer: 1234567-AQEJD



02. Port and Terminal Information

We need you to identify the port and terminal in this image. It's critical to find this information quickly. There is evidence suggesting a large smuggling operation is underway. However, the image description was missing from the file. All we know it's in the India folder.

Example answer: moscow-coal-terminal



03. Ship Ownership and Registration

Find the owner of the vessel in this picture, on the date of 28.02.2026. We have reason to believe the image in question was altered by a corrupt harbor official, to slow down an ongoing investigation.

Example answer: oilbool-spartan-7-aeo



04. Piracy

Identify the following piracy incident. Find the date and incident number, from the ICC-CCS, International Chamber of Commerce, Commercial Crime Services.

Example answer: 25-10-2022-555-55

Answer format: DD-MM-YYYY-555-55

Position:

02°05'N – 057°10'E (Approx. 560 nm SE of Eyl, Somalia)

Summary:

Pirates in a small boat approached, opened fire, and boarded a product tanker while underway. A suspected mother vessel was observed nearby.

Response:

- The Master raised the alarm and contacted authorities.
- All crew retreated into the citadel for safety.
- Coalition forces responded, boarded the tanker, and confirmed all crew were safe.

Status:

Resolved (Crew safe, pirates apprehended by coalition forces).

05. Maritime Communication

Find information from a specific Navtex entry.

On 2025-02-01 15:21:52 UTC, a message was received regarding a firing range at sea. What was the radio station, location and end data of the exercise?

Example answer:

UNTARENA-RADIO-NORTHERN-BALTIC-SEA-
HELSINKI-22-02-2023

06. Maritime Incidents and Accidents

We need you to identify the following incident. Find the ship's name, IMO number and the incident occurrence code. There's an insurance company refusing to pay out, so our client needs further proof of the accident.

Example answer: VOYAGER-74926374-C5555555

Incident Details

Date: 2025-06-22

Time: 11:55 UTC

Severity: Very serious marine casualty

Type of Event: Capsize/listing - capsizing

Place/Area: North Atlantic Ocean - North Atlantic Ocean

Coordinates: 42° 21.21' N, 23° 26.29' W (Open sea)

Summary of Events

On June 22, 2025, the fishing vessel was sailing at Latitude 42° 21.13' N, Longitude 23° 16' 29.84" W when it suffered a leak in the engine room compartment on the starboard side of the stern section.

- The crew detected water ingress but could not locate or stop the leak due to high pressure.
- All pumps on board (including portable submersible pumps) were activated to control the water ingress, but the situation worsened.
- The vessel began to capsize, and the crew abandoned the boat using the life raft at 14:30 UTC.
- At 16:00 UTC, a nearby vessel rescued the crew and took them to the Port of Dunkerque.

07. Maritime Infrastructure

We need you to locate this harbor, and find out which port authority it belongs to. Note the UN/LOCODE, city and country.

Example answer: EGDAM-DAMIETTA-EGYPT



08. Container Tracking

Find the owner of the shipping container in the front left bottom of this image. Provide the company name (short version), the city where that company is registered (copy name as listed on BIC registrar), and full serial number.

Example answer: maersk_copenhagen_MSKU3659580



09. Naval Activities

In early January of 2026, an average American tourist noticed a suspicious naval vessel, loitering just 17 miles of the coast of Venezuela. The tourist rightfully pointed out, that this vessel didn't belong to the only navy that exists on the planet. Please help the tourist identify the country of origin, vessel name and date she was commissioned.

Example answer: germany-hms-bischofmark-24-08-1940

←

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01/03/26

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While we were in Aruba a few days ago? Just 17 miles from Venezuela . This is the ship we saw at Eagle beach. It kept going back and fourth as if doing surveillance of the area. The flag on the back is not the United States. Is anyone familiar with this ships purpose?



Materials

Nine objective files, complete in any order.

Answer Instruction

Each section has its own flag, use the answer of each section to unlock that flag (ZIP archive).

After completing all the sections, you'll have a set of code files, from within those ZIP archives. String these codes together in the right order, to unlock the ZIP named "CERTIFICATE_FILE".

In that archive you find your Certificate PDF.

Using the ZIP files

Be advised, the archives are encrypted ZIP. Make sure your OS supports the ZIP format. Ensure the passwords contain no hidden characters or formatting.

Support

If you get stuck, head over to our Discord and ask around in the #CTF-SUPPORT channel.

Acknowledgements

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