MOSES

Exploitation Workshop

Shore Tugboat Control Station

FUNDACIÓN VALENCIAPORT

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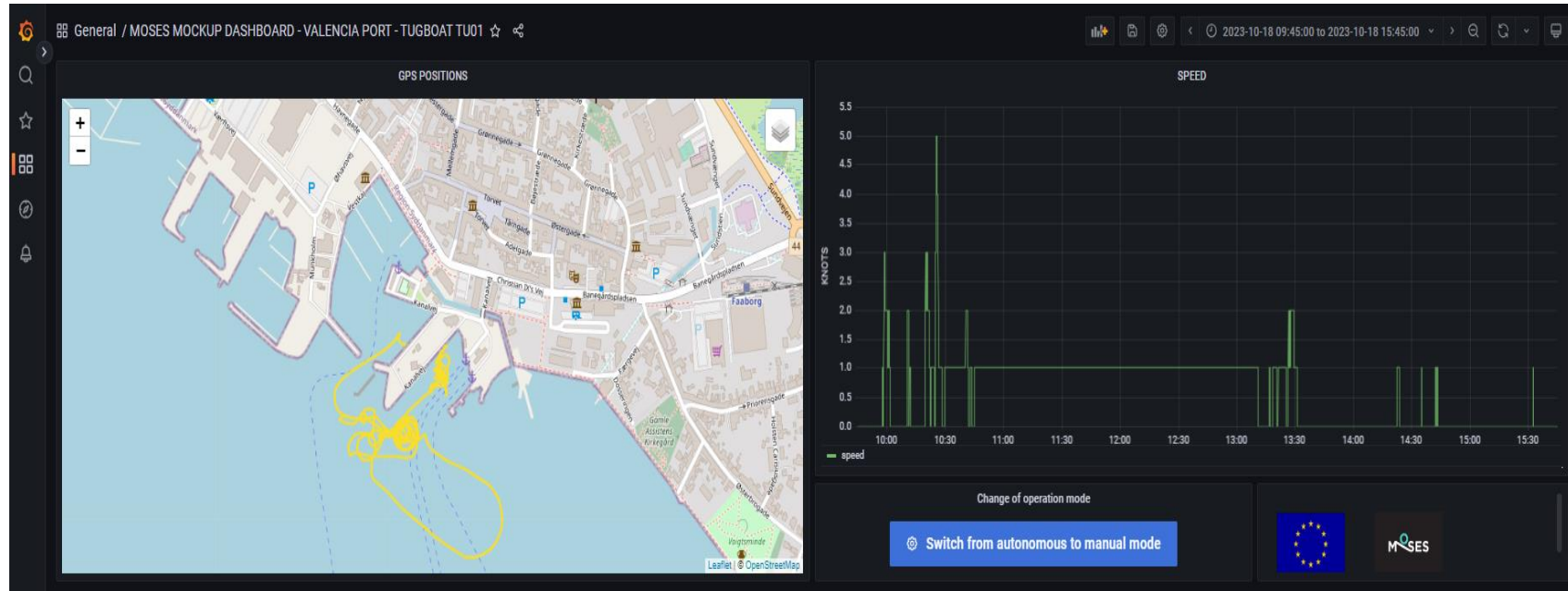
01.12.2023

STCS Mockup

- STCS is central control platform that will act as an interface between the tugboat's operator with the port that will support decision-making of the Port Control Authority.

- As a first simplified approximation and proof of concept, a mockup is proposed to show some simple graphs with information coming from the tugboat sensors.

- Objective achieved: Graphically represent in almost real time (with a refresh time of 5 seconds) on a Dashboard the information coming from an autonomous tugboat during its approach maneuvers to the dock.

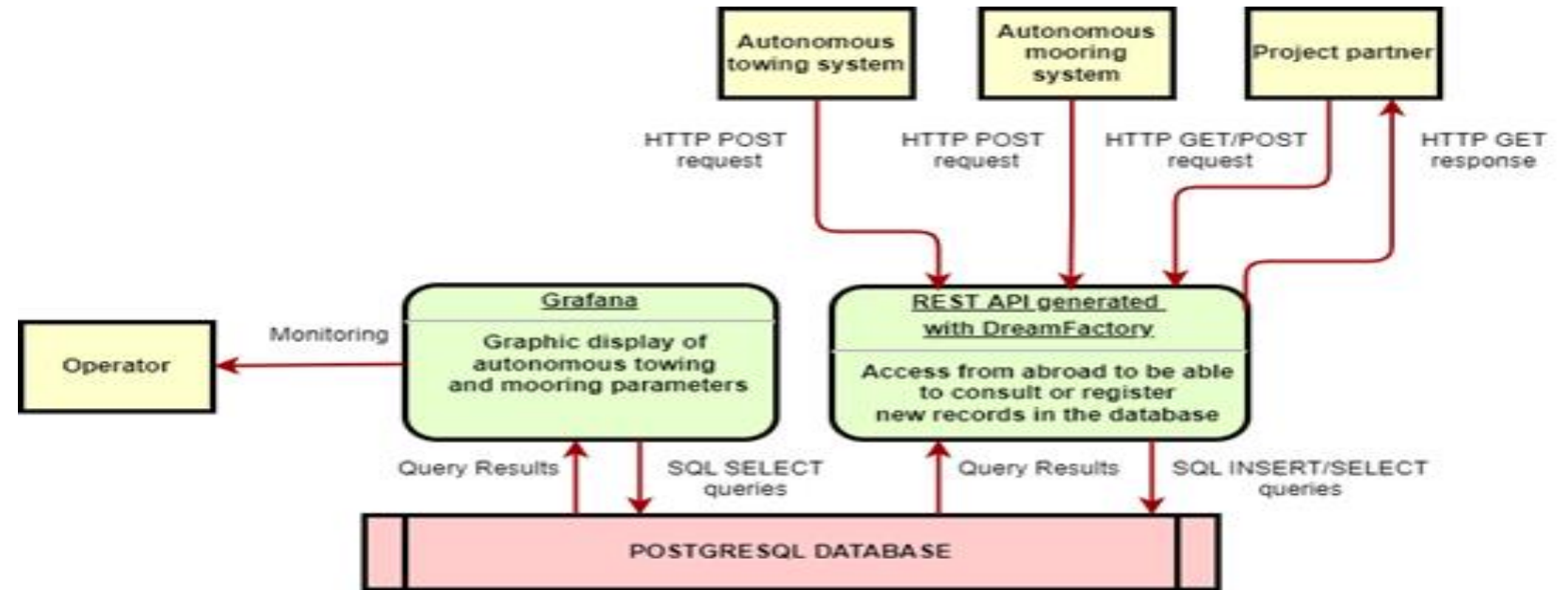- This information consisted of GPS positions represented on a map, and speed in knots.
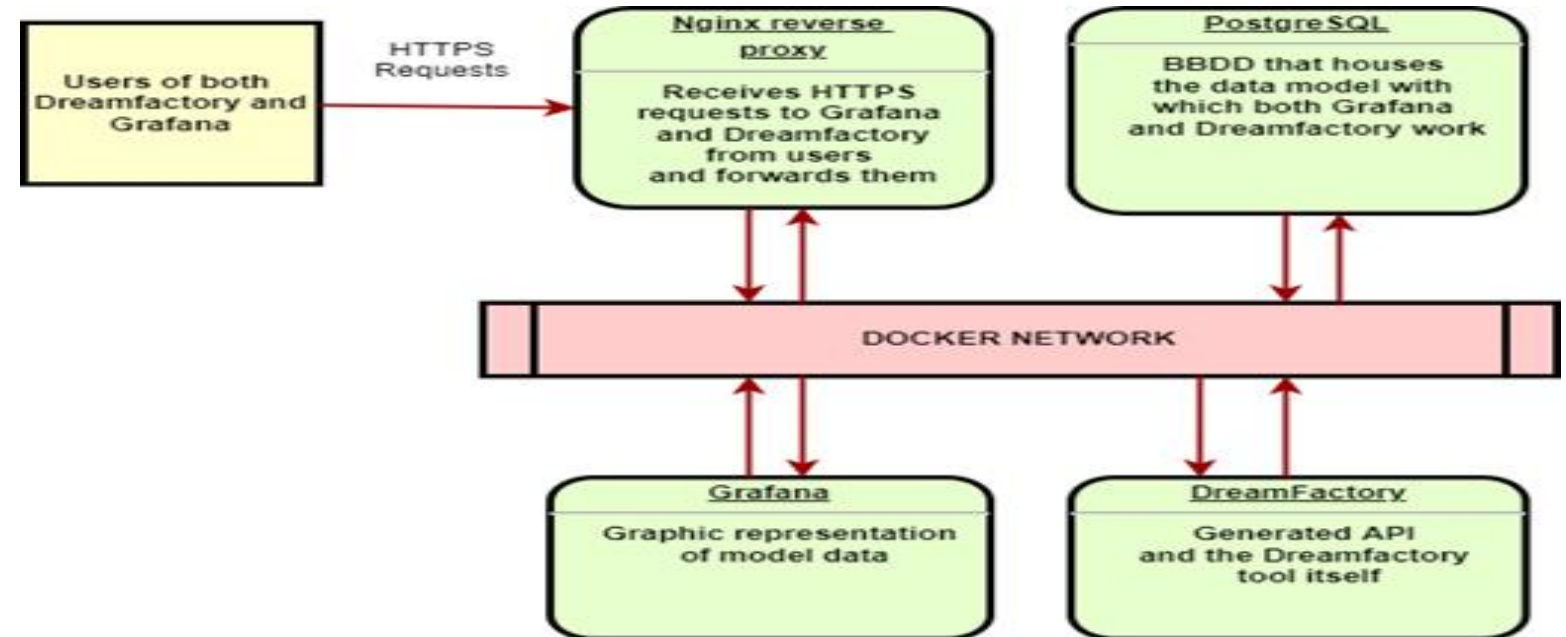
STCS Mockup: Dashboard

STCS Mockup: Architecture

STCS Mockup: Deployment in Valencia

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MOSES Project

Thank you for your attention!

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