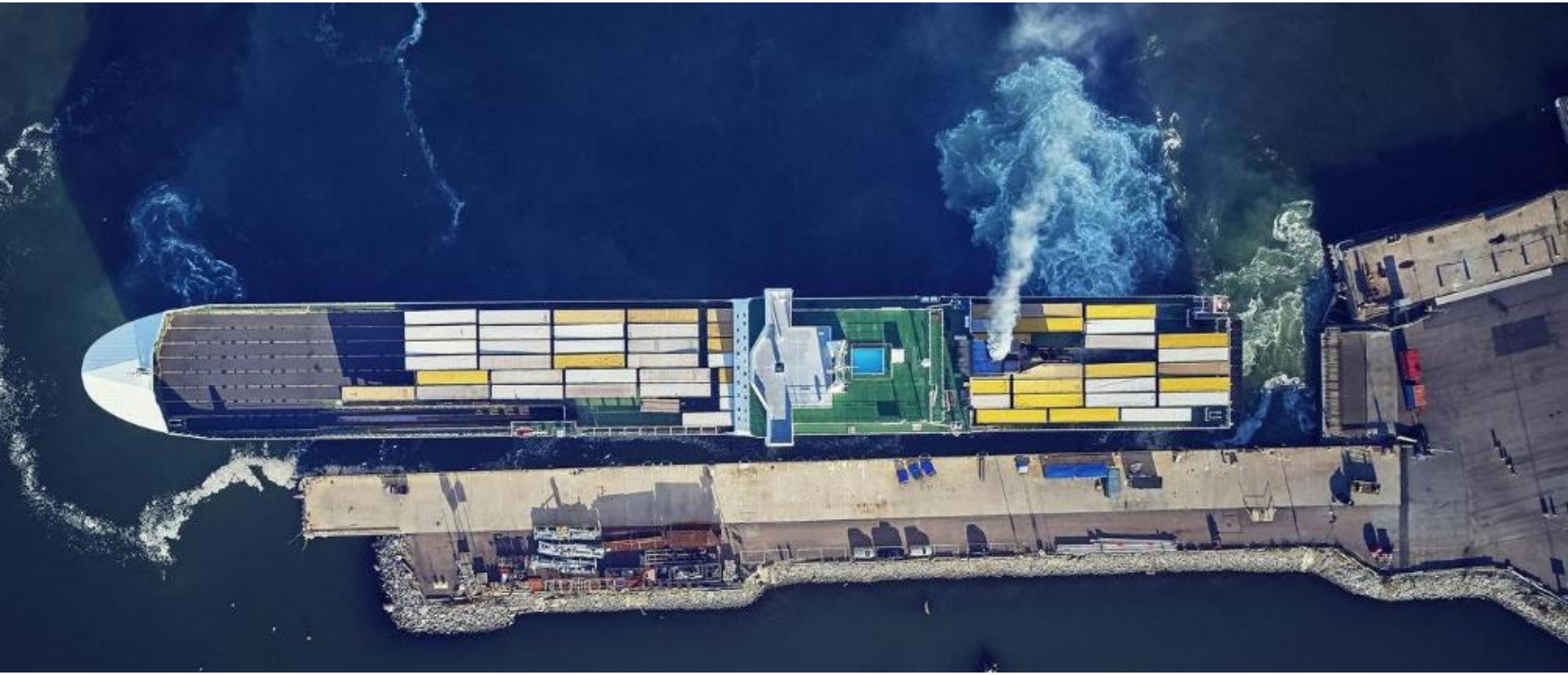
Health and Safety Case Study



THE UNITED STEAMSHIP COMPANY
FOUNDED 1866

SAFETY FIRST

FTC Fork Truck Control

Who we are and What we do

SAFETY FIRST

175 ACRE SITE	580 EMPLOYEES	9 WAREHOUSES
RAIL CONNECTED	7 BERTHS	40 WEEKLY SAILINGS
60000 SQM WAREHOUSE CAPACITY	2700 TRAILER BAYS	3000 CAR BAYS
CHILLED TRANSHIPMENT SHED	100 PIECES OF PLANT AND MACHINERY	VOSA CERTIFIED TRAILER WORKSHOP
GATE TRANSACTION EVERY 50 SECONDS	Licensed to move RDF	ELECTRIC CARS, VANS & FORKLIFTS IN USE

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Health and Safety at DFDS Seaways Immingham

We set ambitious targets for safety improvement during 2022 which consisted off the following:

Accidents	Incidents	Lost Time Injuries	Hazard & Near Miss Reporting
50% Reduction	18% Reduction	70% Reduction	75% Increase

- Over a three-year period DFDS Seaways has achieved some significant goals.
- 2022 was a great year with 70% reduction in LTIs.
- Increased reporting by 132%
- Reduction in incidents by 20%
- Receiving the Risk Team of the year award from IIRSM.

The jubilant HSSE team who scooped the prestigious Risk Team of the Year award at the iiRSM awards in May 2022. L-R: Steve Farrow, Jason Norfolk. Steph Harrison, Rob Chandler, Julie Walker, Rick Peck, Keenan Johnson, Sandy Race, Steve Price and Richard Lait.

Progression and Improvement

In 2021 we attended a PSS Conference on the Pride of Rotterdam (Hull)
One presentation in particular caught my attention!
A Proximity detection system with cloud based data monitoring from FTC.

This kick started a journey of further investigation for improvements, and then implementation of a business case to introduce a system which we believed would change a culture.

DFDS enhanced this idea and the journey began.

Case Study - DFDS Seaways PLC, Immingham

Jan 2022:
Site wide audit of Health and Safety, processes and efficiencies is undertaken, with several key areas highlighted as 'Areas of Concern'
These include – Vehicle Access Control, Pre-Use Checks, Impacts, GPS Tracking and Utilisation, along with Speed/Zoning and Pedestrian/Vehicle Safety.

Mid March 2022:
After 3 months of extensive consultation with several industry experts and suppliers, DFDS invite FTC Group to provide solutions.
These include – Asset Fleet Management with 'OptaFleet' and Pedestrian to Vehicle safety with the FTC Pedestrian Detection Camera system.
We subsequentially installed these on one our Terberg assets, at Immingham for a trial period.

April 2022 – Sept 2022 (6 months trail period):
Several system updates ensued as a result of feedback and discussion between DFDS Seaways and FTC
Vehicle slow down on pedestrian detection – pedestrian camera system is now able to slow the vehicle down on pedestrian detection.
Utilisation and GPS reporting optimised – We are now able to map, plot and study data on asset location, routing and speeds, along with utilisation.
Camera positioning optimised - Left hand side camera fitted to wing mirror, extends detection zone when trailers are attached to asset.
Ongoing discussion to implement Geo-Fencing and One-Way messaging functionality

Oct 2022 – Dec 2022:
DFDS HQ in Europe enter discussions to produce a contract between DFDS and FTC Group to cover all DFDS sites across the UK and EU.
Immingham in the UK to be the first site to roll out both systems across our entire fleet (circa 90 assets)

Jan 2023:
Contract agreed and signed by both parties.
Roll out begins at Immingham April 2023.

Solutions Delivered – Pedestrian Detection Camera System:

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4 X Pedestrian Detection Cameras:

Solutions Delivered – OptaFleet:

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Efficiencies and Improvements:

The introduction of the Optafleet telematics could:

- **Help to reduce speeds across the Terminal creating savings in fuel costs and lowering emissions.**
- **Allow monitoring of where vehicles are and impacts creating savings from defence of 3rd party Claims.**
- **Pre-start up checks could reduce the cost of breakdowns through component failures such as oil and water levels.**
- **Reduce incidents, accidents and personal injury claims with the use of cameras and proximity detection.**
- **Reduce infrastructure or vehicle damage from collisions (impact detector)**
- **Reduce maintenance repair down time due to improved driver behaviour.**
- **Reduce time spent on tasks which are currently done manually such as vehicle location checks and hour readings.**
- **Change the mindset of the drivers.**

Thank You for your Time