

Digital Paint Report (DPR)© app

Can AI Help You?

SAVE TIME

SAVE MONEY

SUPPORT ESG GOALS

AI Powered Fabric Maintenance

Digital Paint Report (DPR)© app



Purpose of the SteelCorr DPR app

Keep the Ships performing & looking, better for longer.

Support the Crew with the best available Technology.

A Ship is a multimillion-dollar asset ~ \$25M to \$100M.

Annual Paint budgets > \$20k





Why? - Because
Rust will destroy a
Ship!



Threat to Asset Integrity

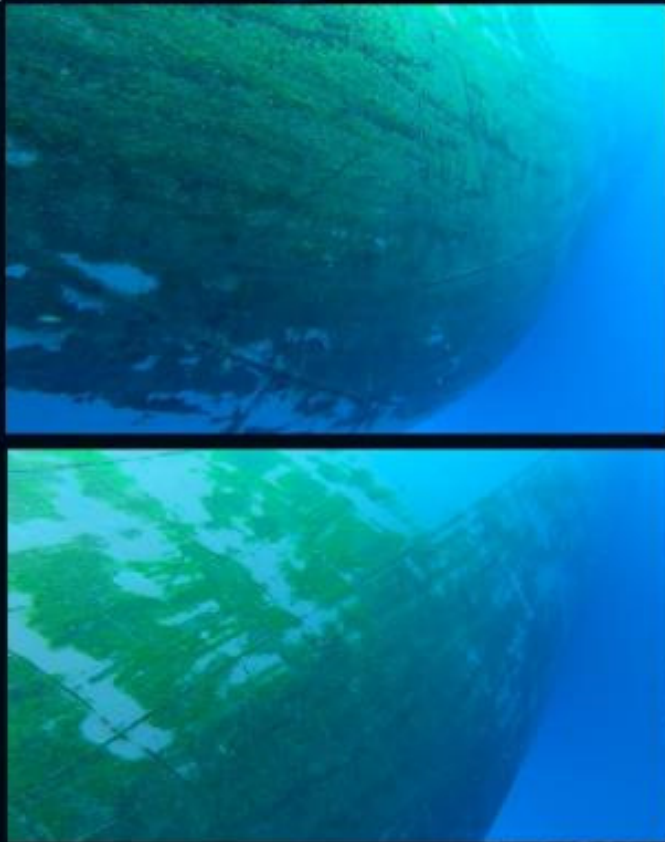
Threat to Safety & Environment

Consequences: Port state & Flag state Detention, Rejection by Charterers/Loss of hire



Similarly, Hull Fouling has serious consequences:
Higher Fuel costs, Higher Emissions and Huge Fines

HULL FOULING LEADS TO



Higher Fuel Costs

Higher Emissions

Digital Paint Report (DPR) app

MAKE REPORTS FOR:

Deck



Tanks



Super Structure



Hull Underwater



Daily Reports



SIRE 2.0



Digital Paint Report (DPR) app

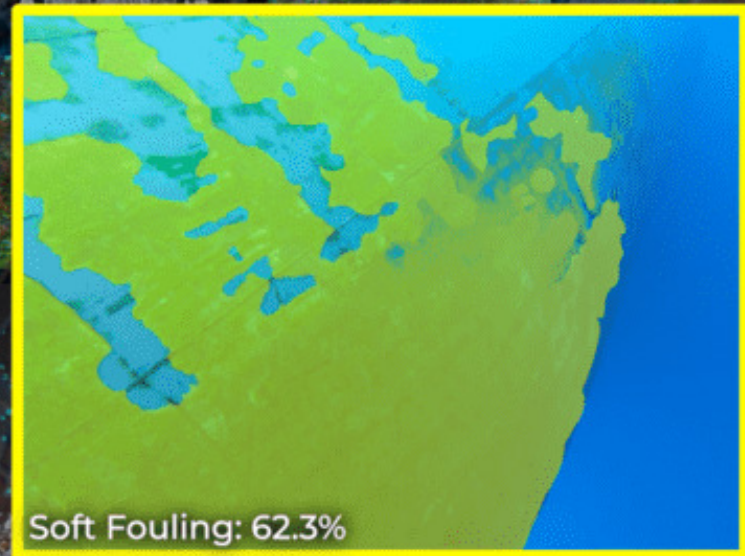
AI POWERED

AI can quickly process 100's of photos



Corrosion: 2.2%, Repair Area: 2.75m²

Corrosion Detection



Soft Fouling: 62.3%

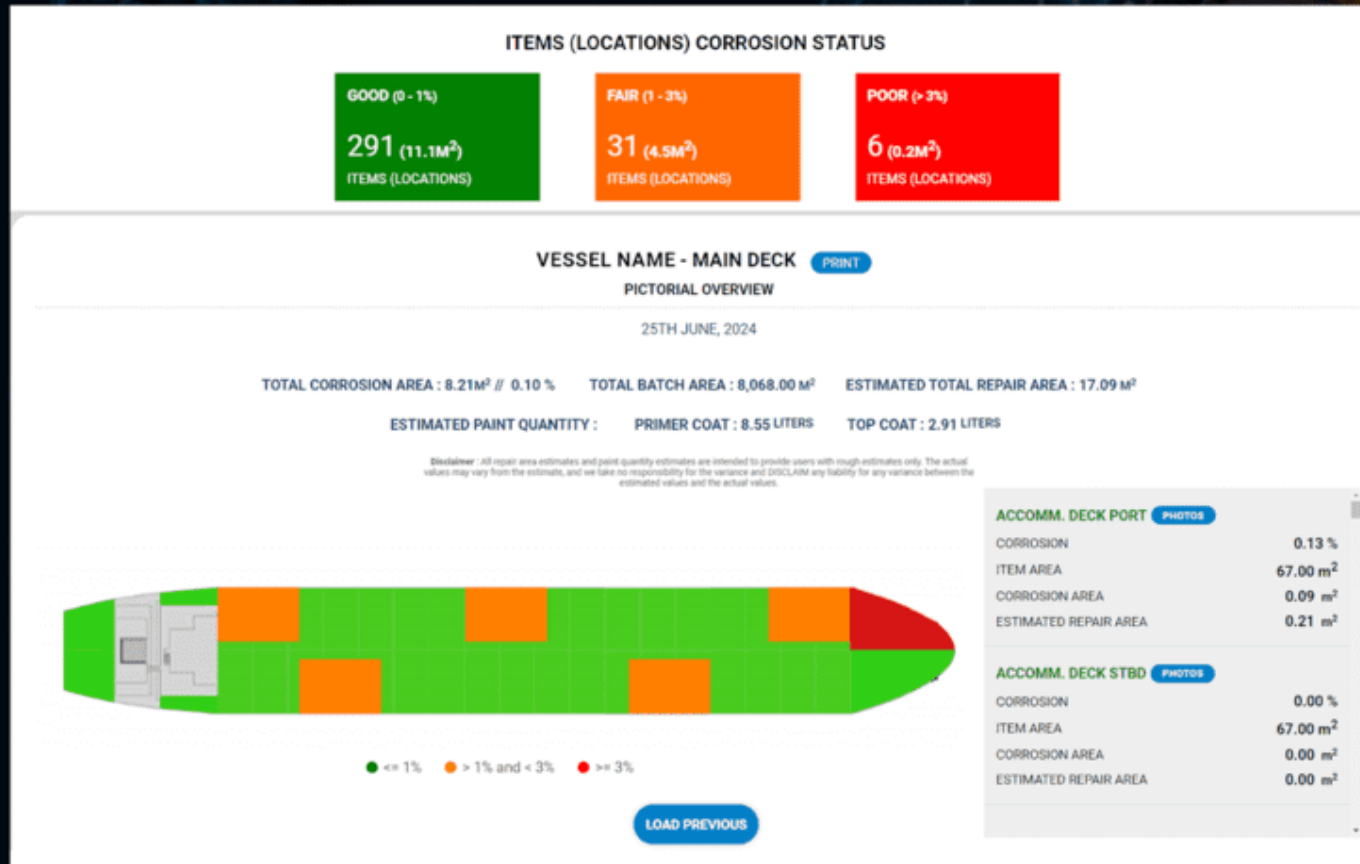
Fouling Detection

Pictorial Overview – Easy Assessment

Highlights Critical Areas – Timely Maintenance

Get Corrosion Area (m²) & Paint Qty. estimates

INFORMATIVE DASHBOARD



Pictorial Overview – Easy Assessment

Highlights Fouled Areas – Timely Hull cleaning

AI POWERED U/W HULL FOULING DETECTION

VESSEL NAME - UNDERWATER HULL

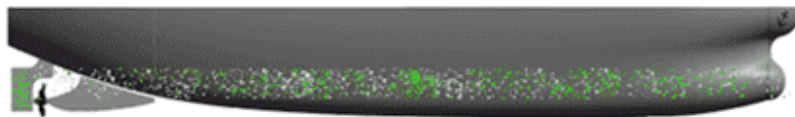
PRINT

PICTORIAL OVERVIEW

25TH JUNE, 2024

HARD FOULING AREA : 312 m² // 30.4%

SOFT FOULING AREA : 298 m² // 29.6%



PORT - FWD TO MIDSHIP

PHOTOS

ITEM AREA	300 m ²
SOFT FOULING AREA	32 m ²
HARD FOULING AREA	29 m ²

PORT - MIDSHIP TO AFT

PHOTOS

ITEM AREA	300 m ²
SOFT FOULING AREA	30 m ²
HARD FOULING AREA	32 m ²

STBD - MIDSHIP TO AFT

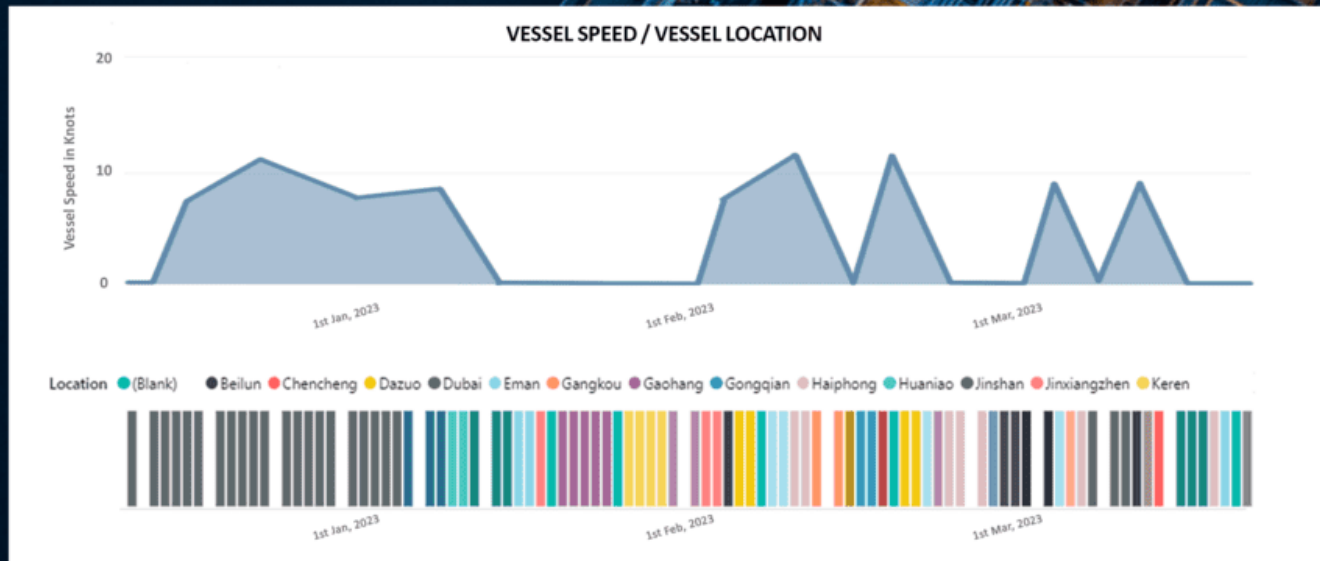
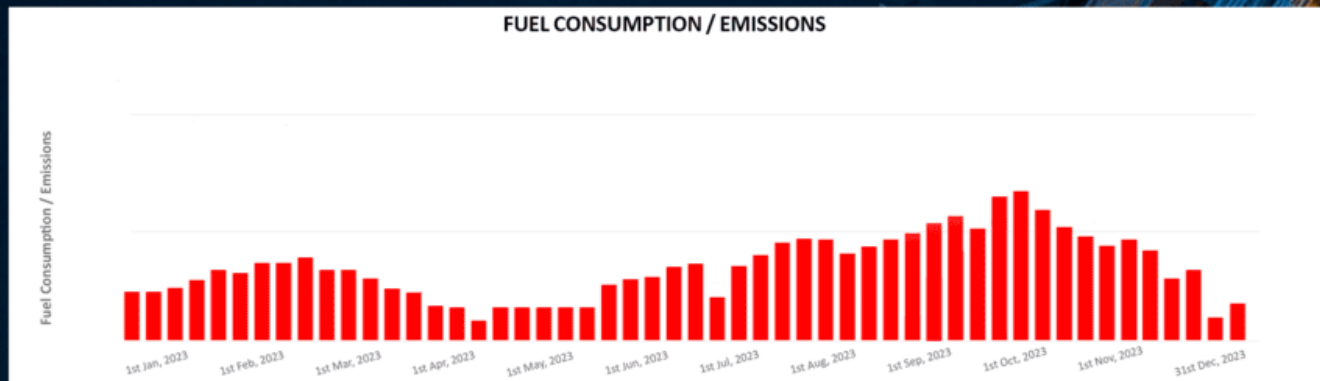
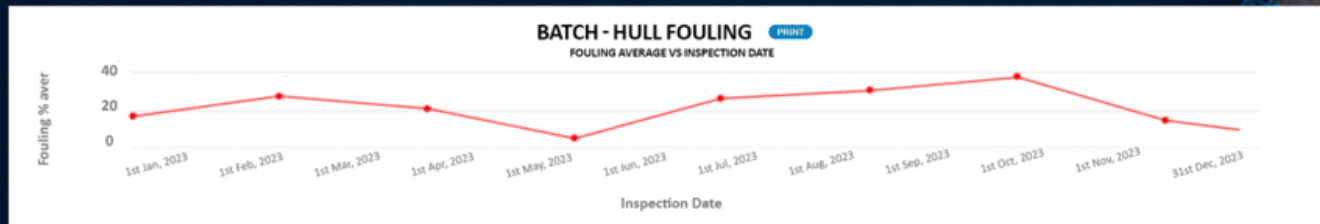
PHOTOS

ITEM AREA	300 m ²
SOFT FOULING AREA	37 m ²
HARD FOULING AREA	36 m ²

LOAD PREVIOUS

Hull Fouling Dashboard

*Objective is to build a predictive model that can predict the next hull clean needed, before a spike in emissions.



Receive the reports via system generated emails

***Stakeholders receive this
Information via Email***

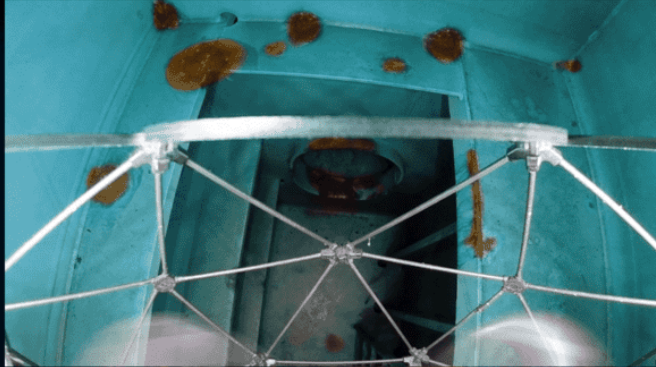


Informative Dashboard

** Objective is to build a predictive model with sufficient data, that can predict the next hull clean needed.

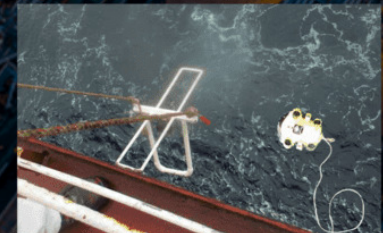
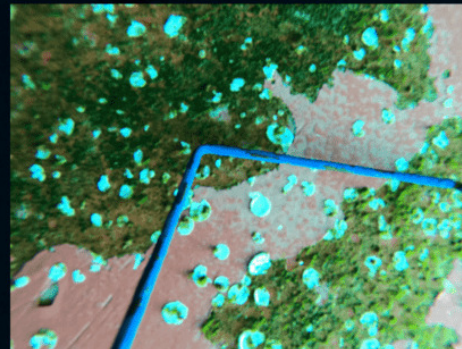
Drone Compatibility

Compatible with Drones



Tank Inspections

Compatible with Drones

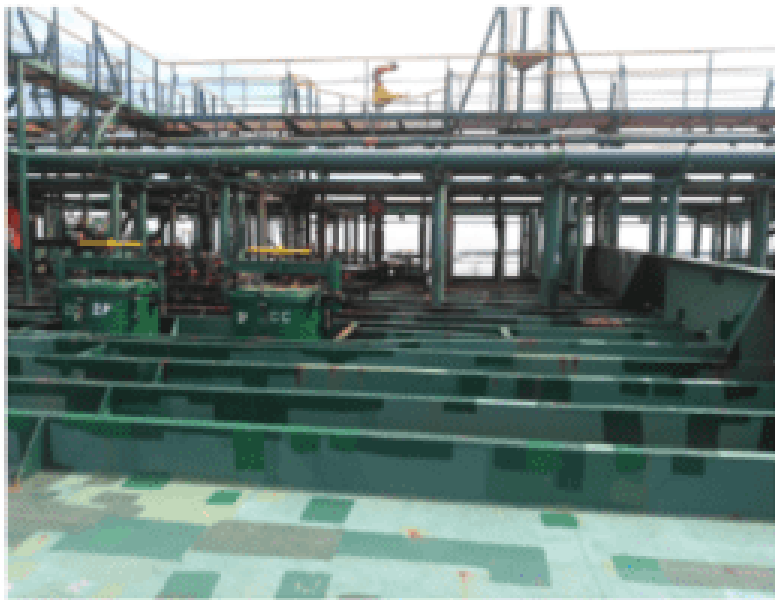


Hull Underwater Surveys

Complete Traceability of Progress

DESINE
FR 74-78 PORT (13/04/2023)
SURVEY DATE
15th August, 2023

PHOTOS



FR 74-78 PORT

DESINE
FR 74-78 PORT (13/04/2023)
SURVEY DATE
07th December, 2023

PHOTOS

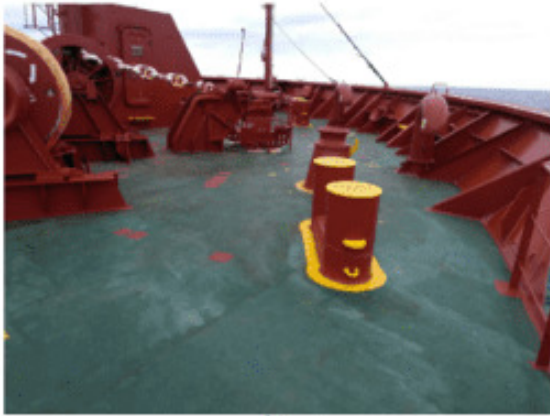


FR 74-78 PORT

Instant Comparison across Vessels

ARAG
Forecastle Deck STBD (28/03/2023)
SURVEY DATE
28th November, 2023

PHOTOS



FORECASTLE DECK STBD



ALAB
Forecastle Deck STBD (05/04/2023)
SURVEY DATE
19th December, 2023

PHOTOS



FORECASTLE DECK STBD

VIDEOS

AMAZ
Forecastle Deck STBD (28/03/2023)
SURVEY DATE
08th January, 2024

PHOTOS



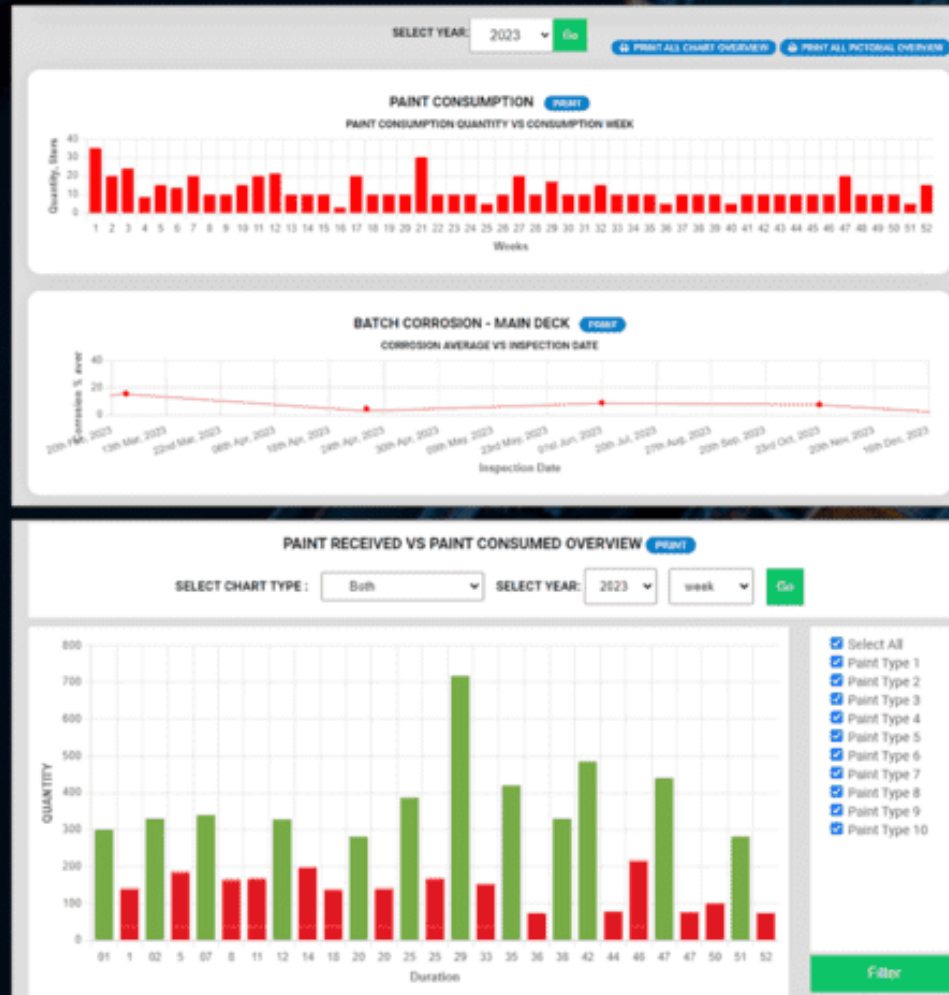
FORECASTLE DECK STBD

Crew can show off the Good Work that they are doing 😊



Holistic Overview of Paint consumption vs Vessel condition

ONBOARD PAINT INVENTORY MANAGEMENT



Mobile based – Works in Offline mode too!

**NO INTERNET?
NO PROBLEM**



Happy Crew 😊

Crew Feedback

Really satisfied

Takes less time

Easier to upload photos

“ESG Goals”

Cyber Security & Data Privacy

SECURE CLOUD HOSTING ON MS AZURE



CONTROL ACCESS TO THE DATA



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