



From inspections to insights: how Idwal delivers clarity on fleet condition

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Carbon
Neutral
Organisation
PAS 2060



IDWAL

Inspection insight. Data advantage.

Introduction



Experience and expertise

- Qualified Master Mariner, sailing at senior ranks for Maersk
- Significant technical experience across both deep sea and offshore vessels
- Oversees the Technical and Surveyor Management teams to make sure that our reports are up to date and of the highest quality
- With Idwal since 2018



WHO ARE IDWAL?



>50%

50% of all vessels sold in 2024 had an Idwal Report



>15%

More than 15% of the global fleet physically inspected since 2019



>15

15 inspection reports delivered every working day



~60,000

60k predictive Idwal Grades available for dry bulk, general cargo, tanker & container fleet



>15,000

unique vessels inspected since 2019*



*More than 12,500 inspected in total

5

5 global offices: UK, Greece, China, Japan & Singapore



>100

100 countries in which an inspection has been conducted



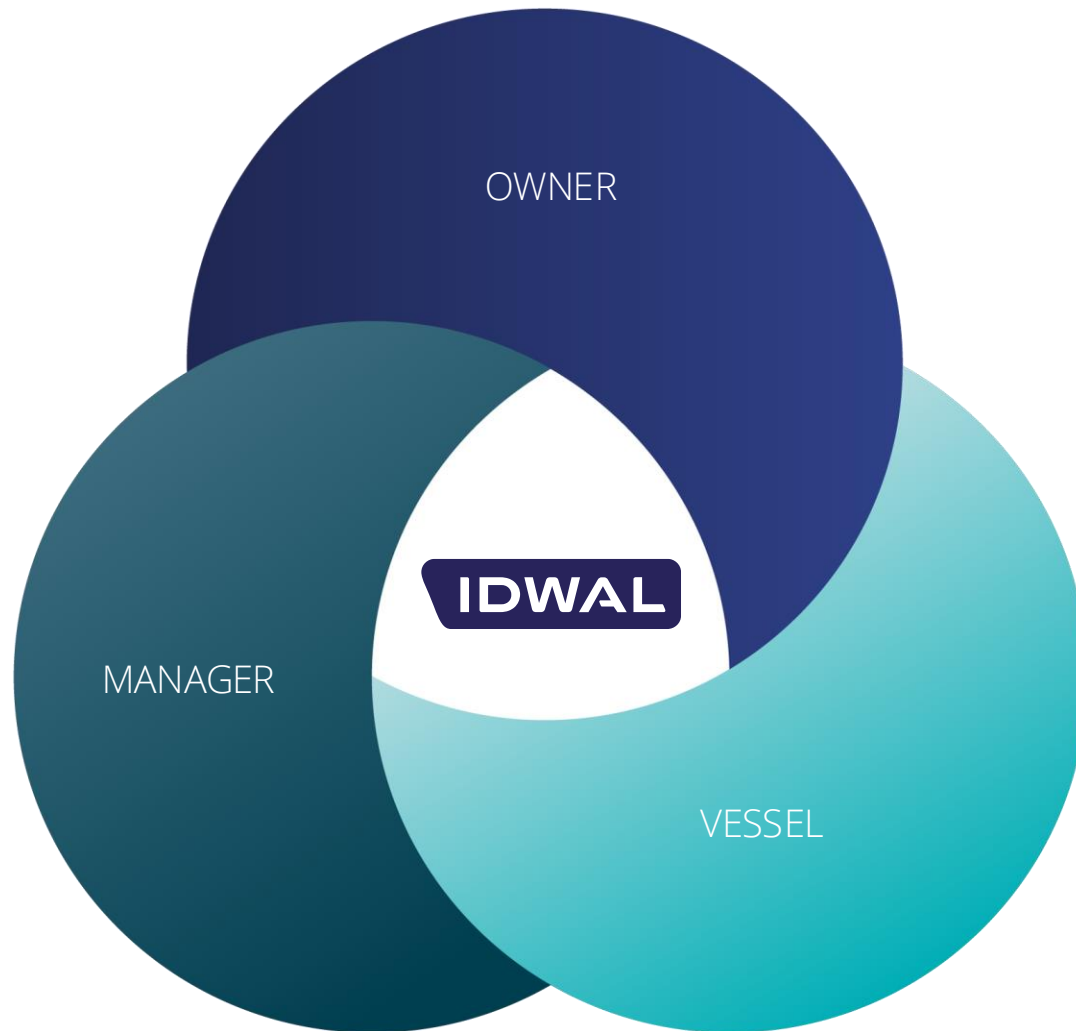
>10m

10m data points, photos, documents collected from inspections



Objectives





The Idwal Grade®

- What is the Idwal Grade?
- Composition of the Idwal Grade
- The grading process

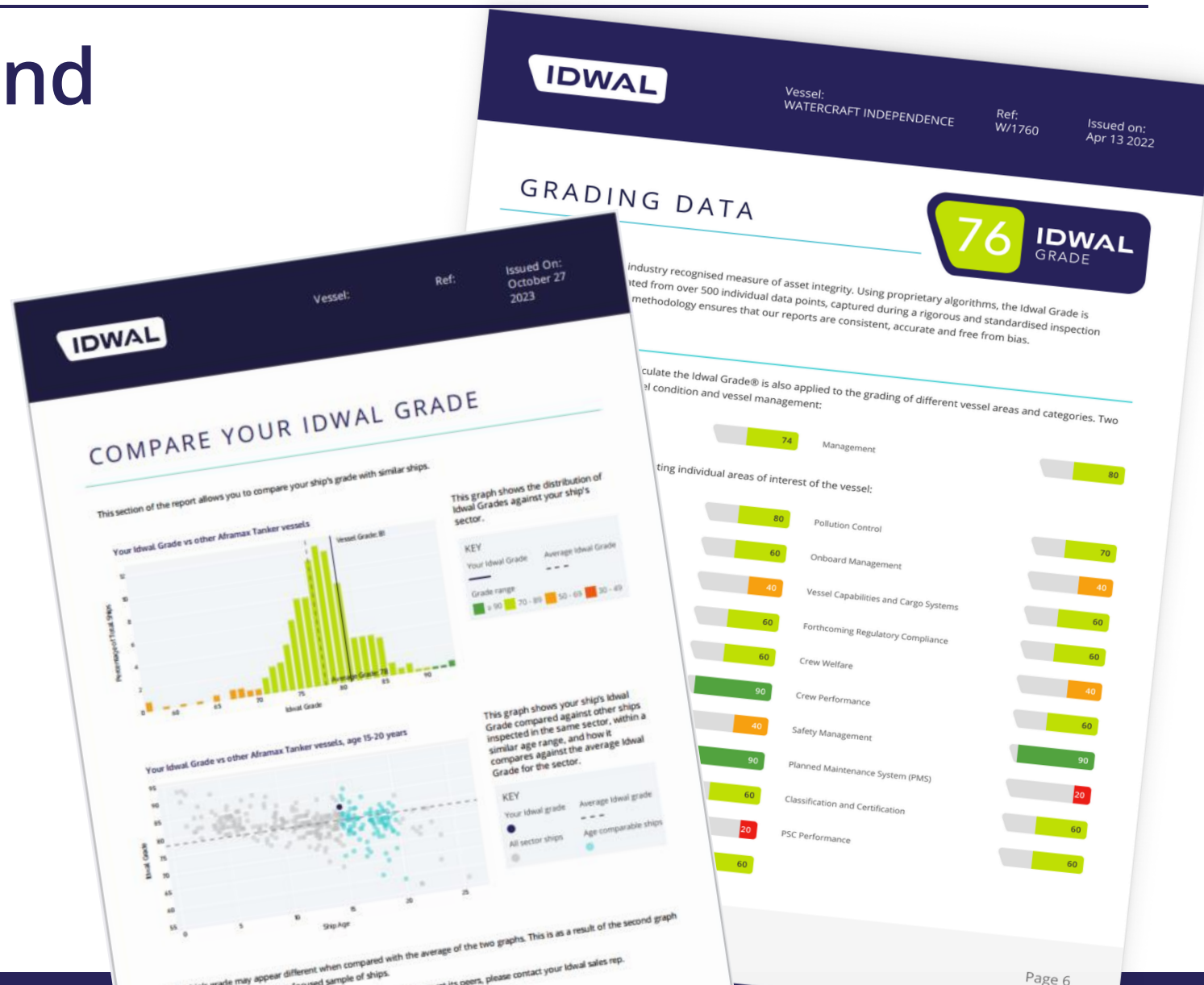
What is the
Idwal Grade?



Objective, accurate and consistent

The industry measure of independent asset integrity

- Launched in 2019
- Algorithmically generated from 500 data points captured during an inspection
- 21 sub grades, covering condition and management
- A unique combination of 'boots-on-deck', technology & data
- Applied to all 3,000+ vessels that we inspect every year and has become a pivotal asset in the maritime industry relied upon by many ship owners, ship managers, financiers and charterers



Idwal Grade composition

- Comprises of 21 sub-grades – 14 Condition and 7 Management
- Each sub-grade is uniquely weighted
- Consistent application of internal algorithm and process to every vessel we inspect
- Benchmarkable grading system

1. Vessel Condition

- 1.1 Design and Construction
- 1.2 Hull
- 1.3 Mooring Decks
- 1.4 Weather Decks and Fittings
- 1.5 Ballast Tanks and Systems
- 1.6 Accommodation
- 1.7 Bridge and Navigation Equipment
- 1.8 Engine Room and Machinery
- 1.9 Fire Fighting Equipment and Systems
- 1.10 Lifesaving Appliances
- 1.11 Safe Working Environment
- 1.12 Pollution Control
- 1.13 Onboard Management
- 1.14 Vessel Capabilities and Cargo Systems

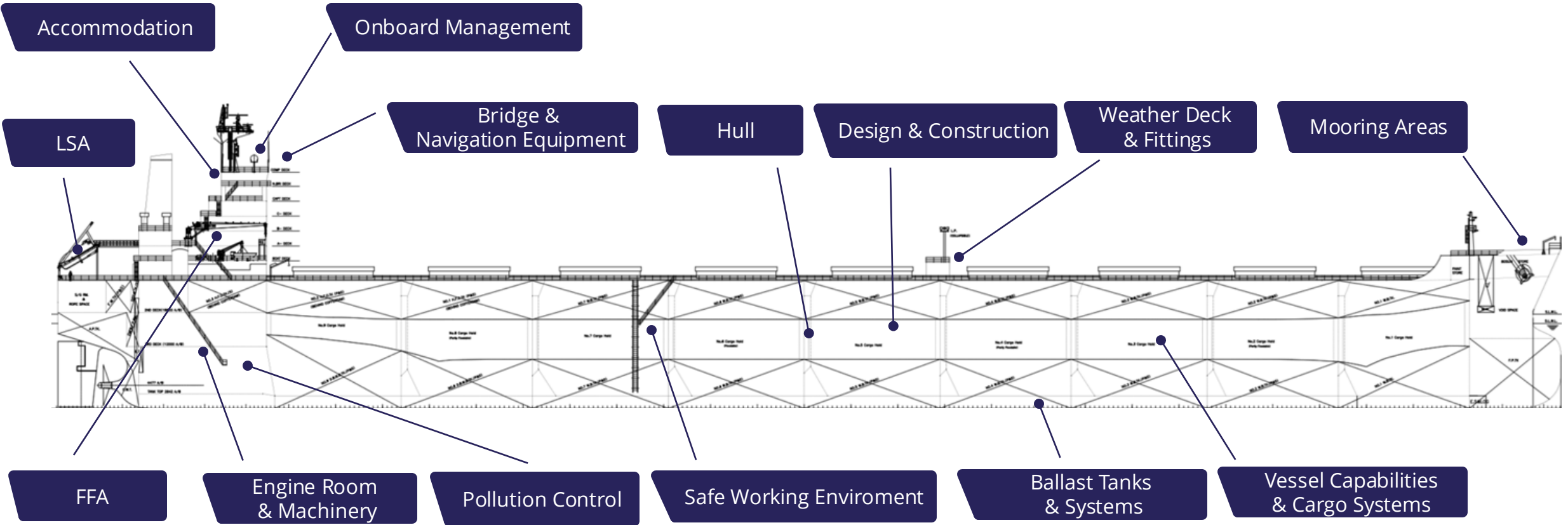
2. Vessel Management

- 2.1 Forthcoming Regulatory Compliance
- 2.2 Crew Welfare
- 2.3 Crew Performance
- 2.4 Safety Management
- 2.5 Planned Maintenance System (PMS)
- 2.6 Classification and Certification
- 2.7 PSC Performance



Grading definitions

Grade	Definitions
Very Good (100)	Unimpaired condition with almost no signs of wear or deviation from original condition, strength or operating efficiency. May also have features above and beyond the basic requirements.
Good (80)	A small degree of wear and tear and other minor defects noted that do not require immediate correction or repair. With all equipment fully operational and free of CoCs or statutory findings.
Fair (60)	Obvious wear and tear evident, or deficiencies noted that are in need of correction or repair.
Poor (40)	Significant wear and tear or defects present that require remedial action.
Unsatisfactory (20)	Condition of inadequate strength or operational efficiency. Immediate significant repair or renewal required to restore serviceability.

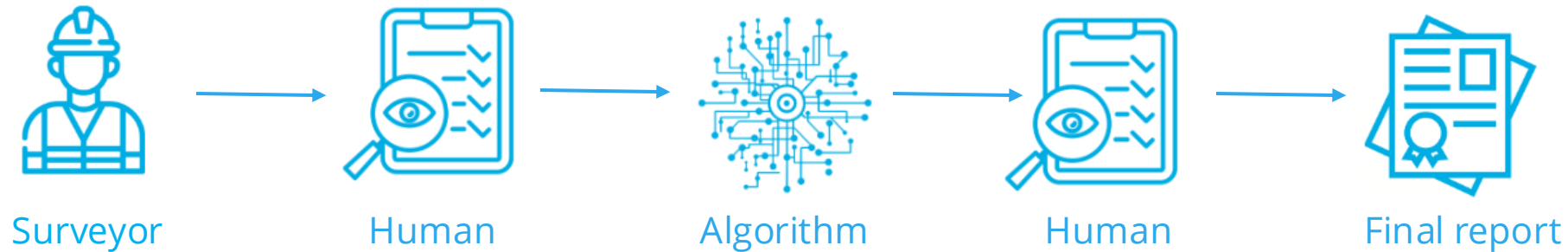


- Forthcoming Regulatory Compliance (FRC)
- Crew Welfare
- Crew Performance
- Safety Management
- Planned Maintenance System (PMS)
- Classification and Certification
- PSC Performance



Idwal grading process

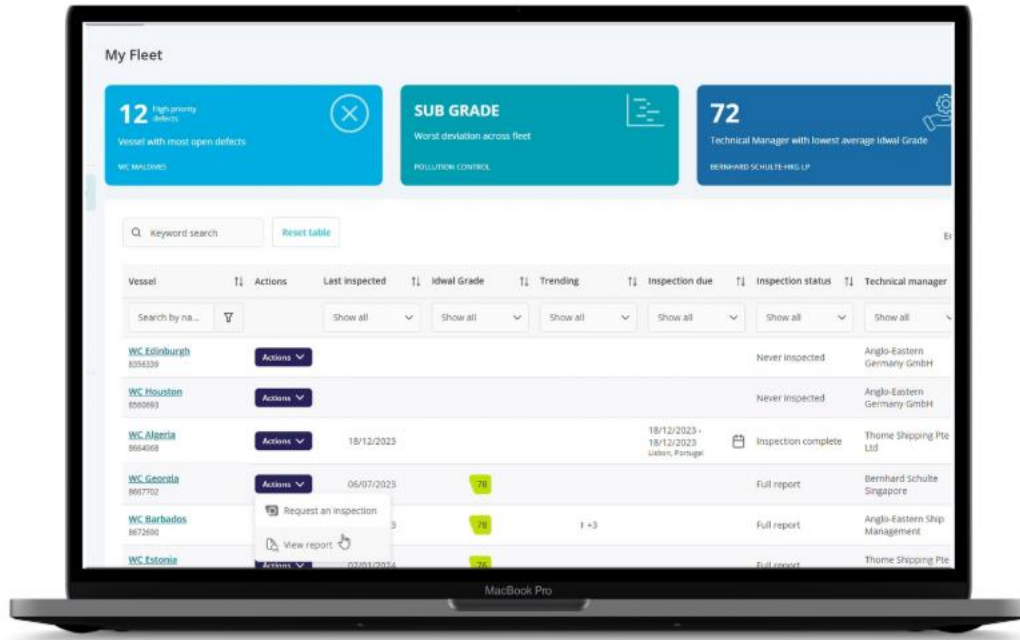
- Multi-stage process:



- Surveyors collect data points which feeds into a grading algorithm. This is checked and reviewed by one of the internal technical team to ensure it is rational and fair
- The aim of the inspection and grading are two separate entities.
- Completely impartial process

A single platform supporting all your inspections

Idwal ID gives owners and managers the tools to oversee fleets, track defects, and demonstrate compliance.



Regular inspections across your fleet by our experienced, selected surveyors



All inspection reports delivered into a 24/7 online platform

✓ Aggregated defect management

✓ Fleet and asset-level trending & benchmarking

✓ Rapid access to all inspection info in one secure place

Additional services

Beyond Idwal ID and our regular condition and S&P inspection services, we also provide:

- **Pre-PSC, pre-dry bulk & pre-MO32 inspections:** vetting-aligned one-day checks
- **Dry dock management:** leverage our expertise in this field to help save you money and time
- **Newbuild supervision:** let us manage your complex newbuilding programmes
- **Condition-adjusted valuation:** link ship condition to asset valuation



Resources

Read more about the Idwal Grade in our recent series of *Navigating Excellence* whitepapers: a must-read for fleet managers, technical operators, and maritime decision-makers aiming to enhance vessel performance while ensuring full regulatory alignment.



Access the whitepapers

The IDWAL logo consists of the word "IDWAL" in a bold, dark blue, sans-serif font. The text is centered within a white, rounded rectangular box that has a slight 3D effect with a dark blue shadow on its left side.

IDWAL

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