

HOW THE IDWAL METHODOLOGY WORKS

The Idwal inspection methodology is globally standardised, evidence-driven, and designed to eliminate subjectivity. This process ensures that every inspection, anywhere in the world, delivers a consistent, comparable and impartial assessment of vessel condition.

Turning 500+ data points into structured, defensible intelligence

1 GLOBALLY DEFINED SCOPE (500+ DATA POINTS)

Each inspection follows a unified digital framework covering:

- Hull & coatings
- Weather decks & mooring systems
- Machinery & electrical
- Safety & lifesaving systems
- Environmental controls & pollution prevention
- Accommodation & welfare
- Documentation, logs, and certificates



This ensures a like-for-like dataset across fleets

2 EVIDENCE-FIRST REPORTING

Surveyors record only factual observations supported by:

- Photos
- Measurements
- Machinery readings
- Certificates & maintenance logs



This removes narrative bias and ensures findings are verifiable

3 DIGITAL DATA CAPTURE

Every data point is uploaded to Idwal's secure platform. This provides:

- Full traceability
- Faster QC
- No transcription errors
- A complete digital audit trail



4 CENTRAL QUALITY CONTROL (QC)

The Idwal technical and analytics teams review every inspection to ensure:

- Consistency across surveyors
- Logical scoring
- Correct weighting
- Complete evidence

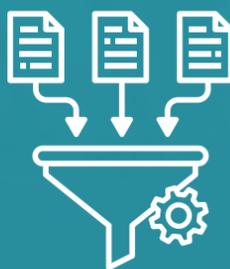


This process guarantees reliability, regardless of geography or inspector

5 SUB-GRADE FORMATION & SCORING MODEL

Data points are grouped into 21 sub-grades, each reflecting a key aspect of vessel condition or management. Weightings reflect:

- Safety significance
- Operational criticality
- Structural impact
- Regulatory exposure



This process guarantees reliability, regardless of geography or inspector.

6 THE FINAL IDWAL GRADE

A proprietary algorithm converts sub-grades into the transparent, comparable Idwal Grade.

The result is inspection intelligence that supports decision-making across the maritime value chain.



WHY IDWAL'S METHODOLOGY MATTERS

- ✓ Removes subjectivity
- ✓ Produces globally consistent outputs
- ✓ Enables benchmarking at scale
- ✓ Supports predictive insights when combined with Idwal ID
- ✓ Provides a defensible, audit-ready signal of condition

