

SMART INSPECTIONS.
SMARTER DECISIONS.

BY NICK OWENS



IDWAL MARINE®
ANCHORING YOUR INVESTMENTS



Video from Idwal homepage loops
throughout this pre-amble

**INSPECTIONS
IN NUMBERS**

**WHY
INSPECT?**

**SMART
INSPECTIONS**

**SMARTER
DECISIONS**

**THE
FUTURE
OF
INSPECTIONS**

SMART INSPECTIONS.

TRUSTED IN
SHIPPING SINCE
2009



FIRST DIGITAL
INSPECTION
PLATFORM



INSPECT
MYSHIP.COM



BANKS



OWNERS



**SO WHY
INSPECT...?**



**ASSET
INTEGRITY
MAINTAINED**





INCREASING REGULATORY PRESSURES





CONDITION PRECEDENT





ONGOING RISK MANAGEMENT STRATEGY





FLEET VALUATION STRATEGY





ASSESS SHIP MANAGERS





ONCE UPON A TIME INSPECTIONS WERE

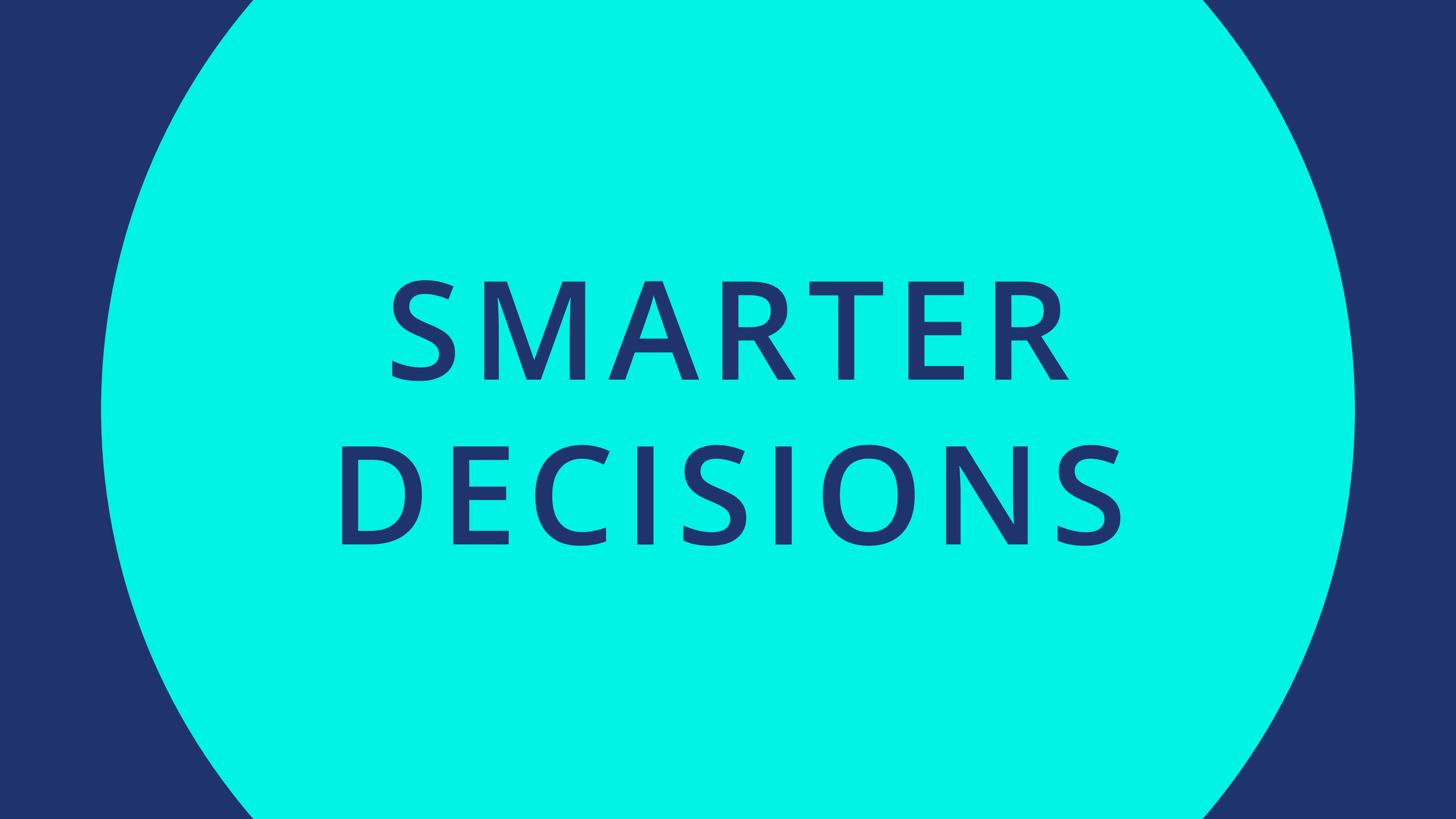
LONG &
TEXT
HEAVY

SUBJECTIVE

IRRELEVANT
IMAGERY

CONCLUSION:
CONFUSED
AND LITTLE
OR NO
ACTION
TAKEN





**SMARTER
DECISIONS**

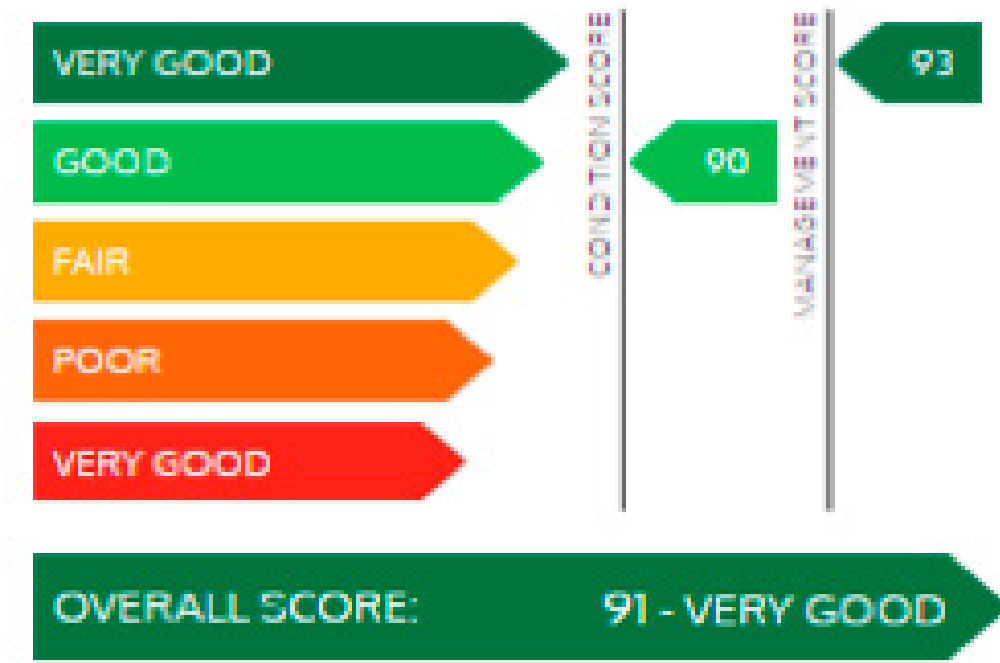


INSPECT
MYSHIP.COM

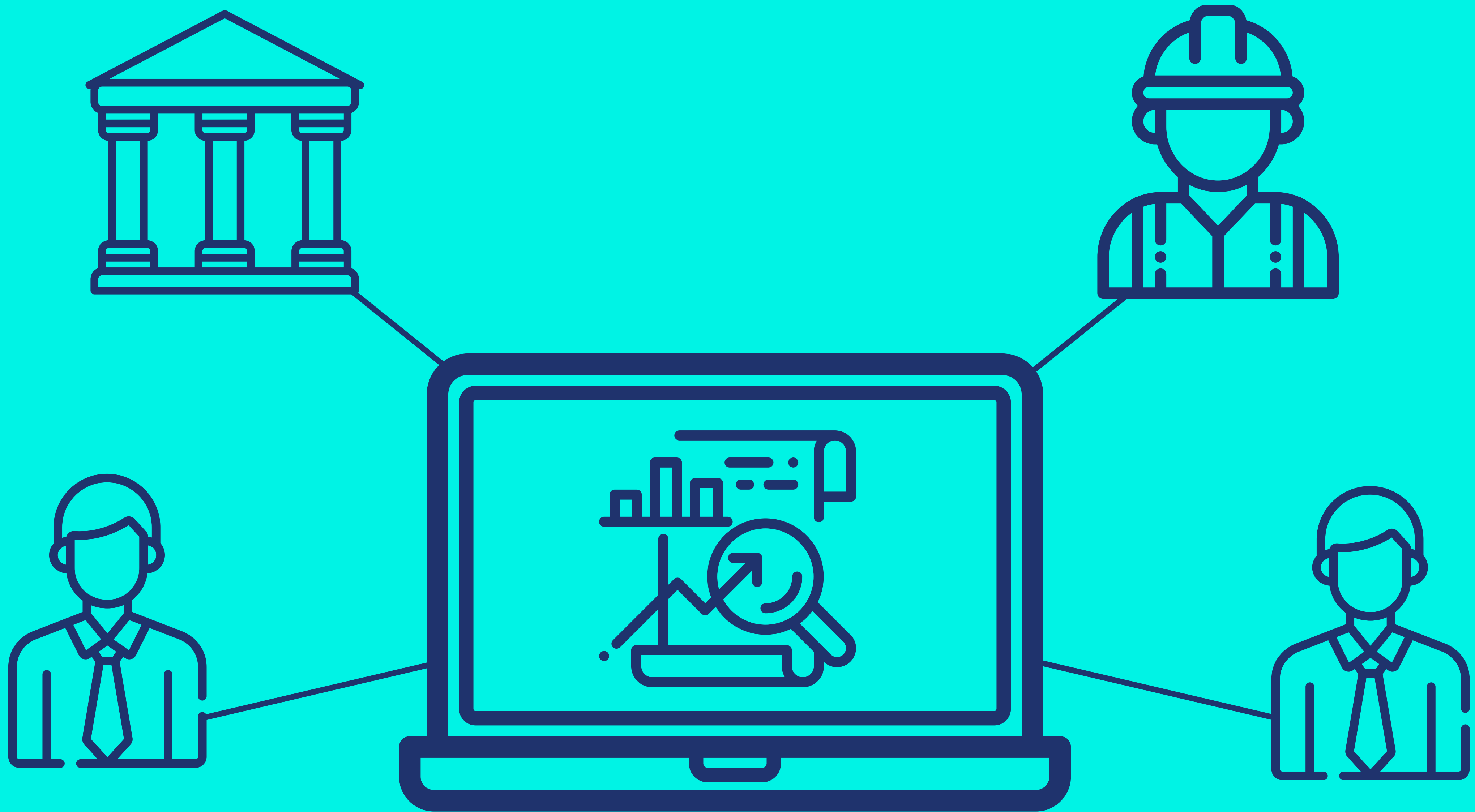


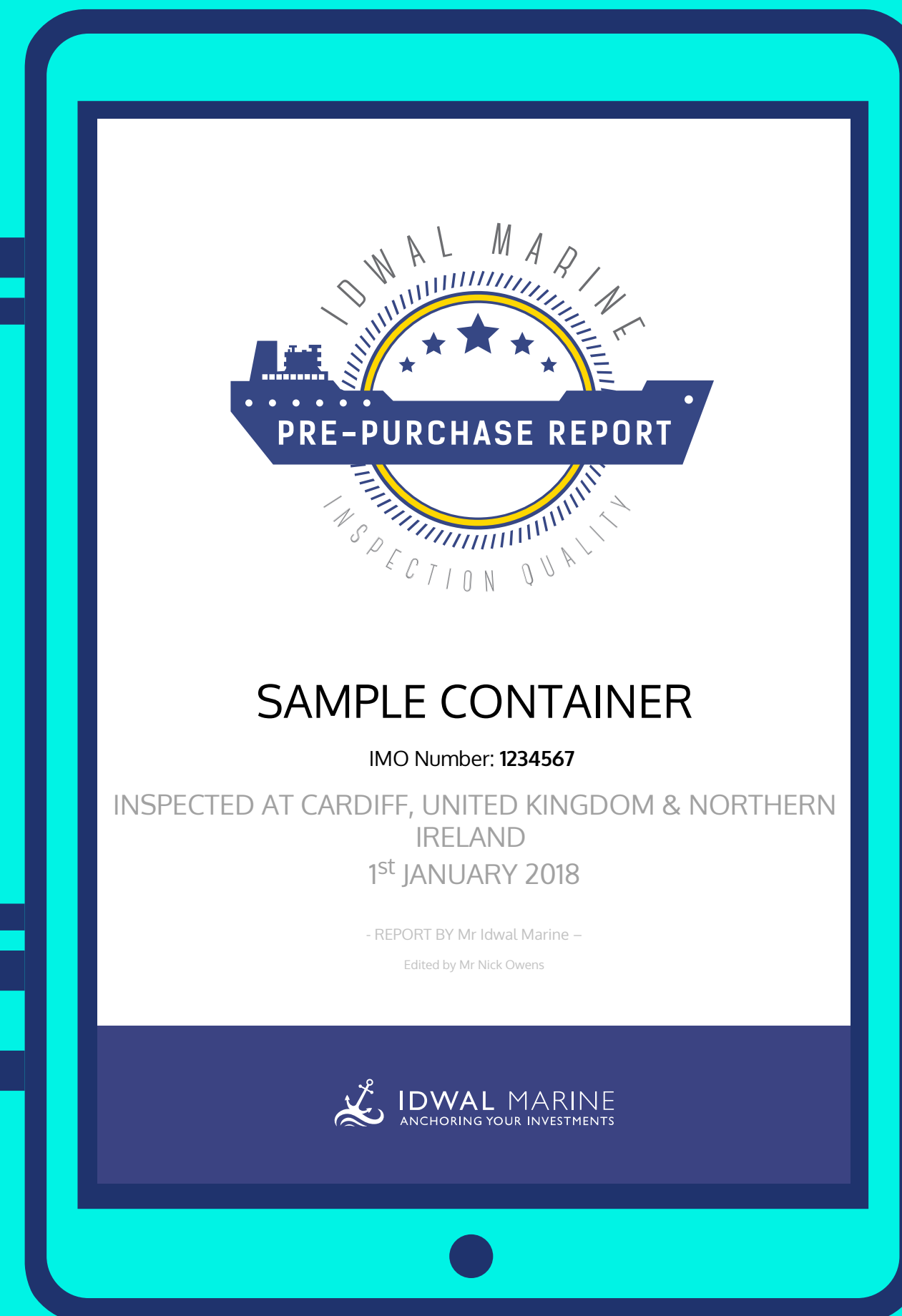


IDWAL GRADE:



VERY GOOD - Unimpaired condition with almost no signs of wear or deviation from original strength or operating efficiency.





PRE-PURCHASE REPORT

SAMPLE CONTAINER

IMO Number: 1234567

INSPECTED AT CARDIFF, UNITED KINGDOM & NORTHERN IRELAND

1st JANUARY 2018

- REPORT BY Mr Idwal Marine -

Edited by Mr Nick Owens

 IDWAL MARINE
ANCHORING YOUR INVESTMENTS



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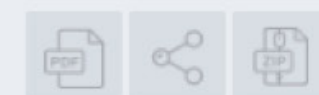
Inspection No: **9/191**



ROLLDOCK SEA IMO
9404704 Other Bulk -
Multipurpose (MPP or MPV)

OVERALL
IDWAL SCORE: **91**
VERY GOOD

STATUS: [FULL REPORT](#)

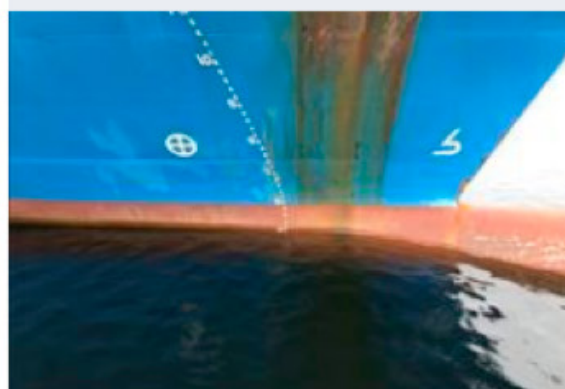
DATE ISSUED: **22/06/2018**



 DOWNLOAD ALL PHOTOGRAPHS

Hull Condition

★ ★ ★ ★



Foc'sle & Poop Deck

★ ★ ★ ★



Maindeck & Fittings

★ ★ ★ ★



Ballast Tanks & Void Spaces

★ ★ ★ ★



Galley & Accommodation

★ ★ ★ ★



Navigating Bridge &
Communications Equipment

SURVEYORS SUMMARY

MV Sample Container is a 13,806 MT DWT, 1,118 TEU, Liberia-flagged, geared, cellular container feeder vessel, built to a fair standard by xxxx Shipyard, xxxx under example class and delivered on 01 January. The vessel is currently classed by xxxx class.

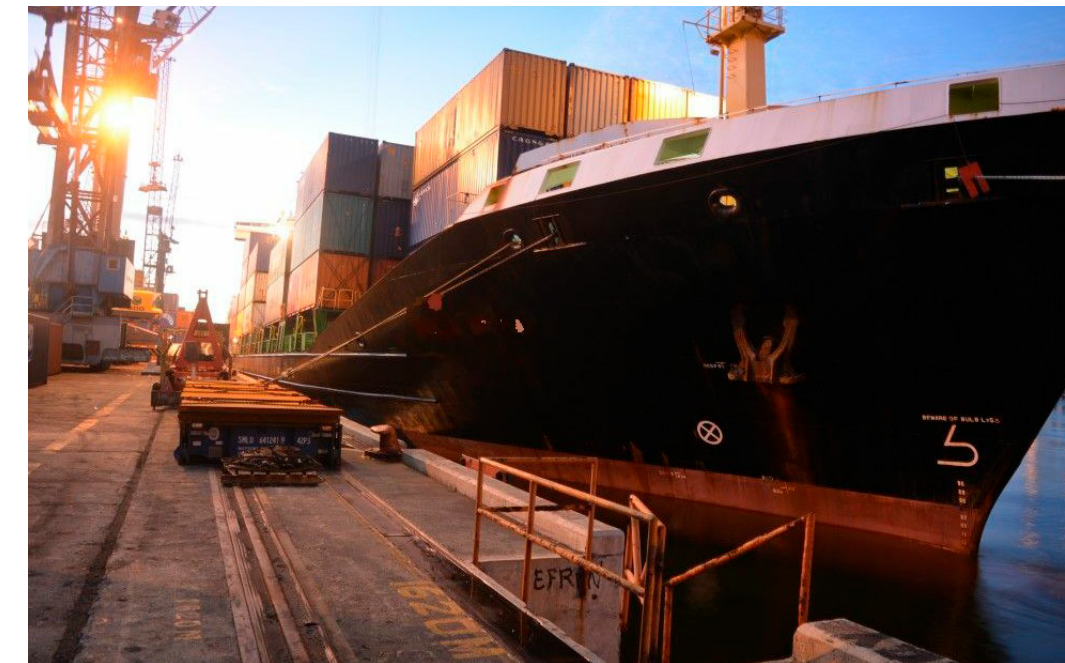
A pre-purchase inspection of the vessel was conducted from 0900 to 1700 on 01 January 2018 at xxxxx, by Idwal Marine under instruction from xxxxx client. The vessel was berthed starboard side to, loading and discharging containers at the time of inspection. Due to cargo operations, only the deep tank and fore peak tanks were inspected.

The vessel is configured with 5 cargo holds forward of the accommodation with pontoon lift-on, lift-off hatch covers and served by 2 Leibherr deck cranes of 45 and 40 MT SWL. The vessel holds a DOC for dangerous goods and has a high reefer capacity with 220 plug in points. The vessel is presently engaged in Inter-UK trade between Wales and England. The ship is particularly suited to this low volume feeder trade in non-mainline ports where shore facilities may be limited.

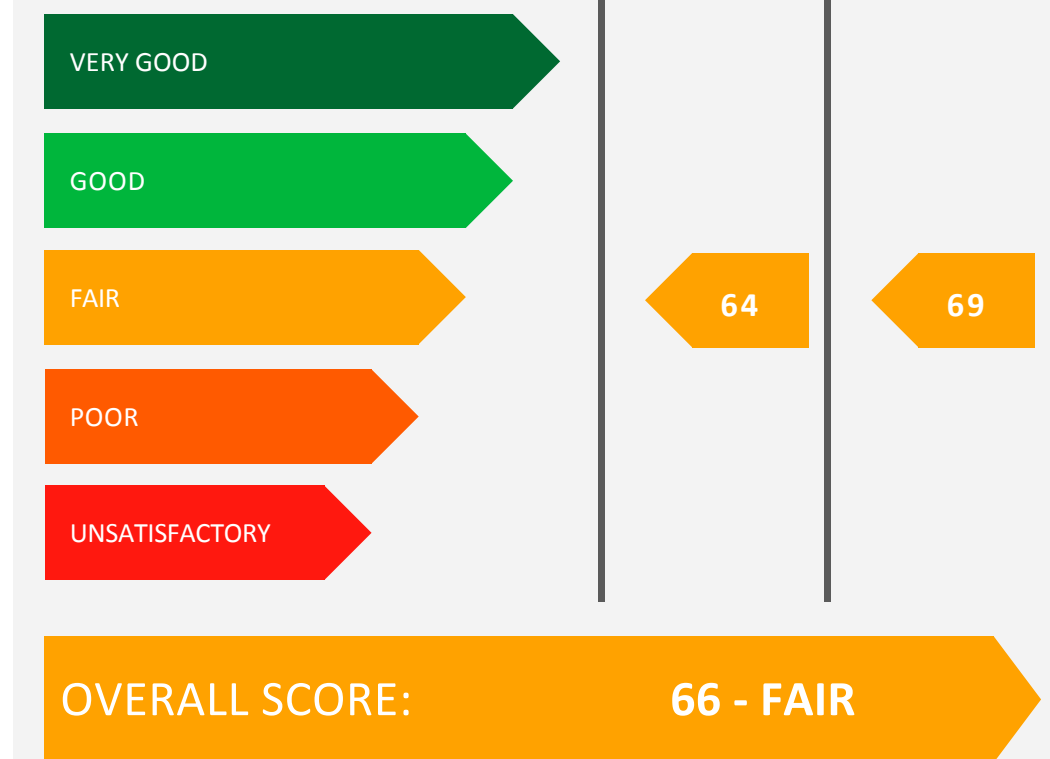
The ship's build quality was found to be average for its year and location of build, with good ballast tank coatings that are still mainly intact.

The vessel was found to be in a fair overall condition. Primary defects noted were the extensive remedial maintenance required on the exposed deck areas and hatch coamings, the preventative maintenance of the ballast tanks, the No 2 auxiliary engine overhaul remedial action in respect of the hull indentations and the overall maintenance backlog found.

Crew performance was found to be fair, with poor overall standards of housekeeping seen in the accommodation and engine room. Overall maintenance levels were found to be poor



IDWAL GRADE



VERY GOOD

Unimpaired condition with almost no signs of wear or deviation from original strength or operating efficiency.

GOOD

A small degree of wear and tear and other minor defects noted that do not require immediate correction or repair

FAIR

Obvious wear and tear evident, or deficiencies noted that are in need of some level of correction or repair

POOR

Significant wear and tear or defects present that require remedial action.

UNSATISFACTORY

Condition of inadequate strength or operational efficiency. Immediate significant repair or renewal required to restore serviceability.

Customer/inspection/grade/962a27b6-7ec0-4af9-ac19-50c99d841bc0















Equasis - Home Page Home - Dropbox Index - Home ASIMS support - Agil USCg Pole Star

IDWALL OVERALL SCORE **65** FAIR

Vessel Condition SUBSCORE **67**

Overall Build Quality	★★★☆☆
Hull Condition	★★★☆☆
Foc'sle & Poop deck	★★★☆☆

IMMEDIATELY NOTABLE ITEMS

Description	Action/Timeline	Estimated cost [USD]
  Extensive corrosion seen on foc'sle, poop, main deck and deck fittings.	A significant programme of remedial maintenance is required to de-scale and recoat the affected exposed areas and fittings to avoid more costly steel and fittings replacement at a later date .	\$100,000.00
  Auxiliary engine no.2 in overhaul, but not completed due to lack of spares.	Spare parts to be delivered to the vessel an overhaul completed at the earliest opportunity.	\$30,000.00
  Ballast tanks in good condition, but with onset of widespread corrosion seen.	Full tank assessment and preventative maintenance plan to be implemented to prevent the spread of corrosion.	\$40,000.00
  Overall standard of fabric maintenance was found to be poor throughout the vessel, with a significant general maintenance backlog present.	Additional resources and efforts are required to bring the vessel to an acceptable standard consistent with its age.	\$60,000.00
  Several significant hull indentations on the starboard side of the hull were found.	Indentations to be reported to Class to confirm they do not impact on the structural integrity of the hull. If needed, indentations to be repaired as required by Class. The cost estimate provided is for repair at dry dock.	\$30,000.00
  Hatch coaming tops found to be heavily corroded overall, with visible steel degradation evident.	A programme of remedial maintenance is required to address the extensive corrosion seen on the hatch coamings.	\$30,000.00
  Incinerator out of service.	Fault to be found and remedial action carried out.	\$10,000.00



**SPEED OF
DELIVERY**

=

**SMARTER
DECISIONS**

THE FUTURE

**WHAT DOES THE FUTURE
LOOK LIKE?**

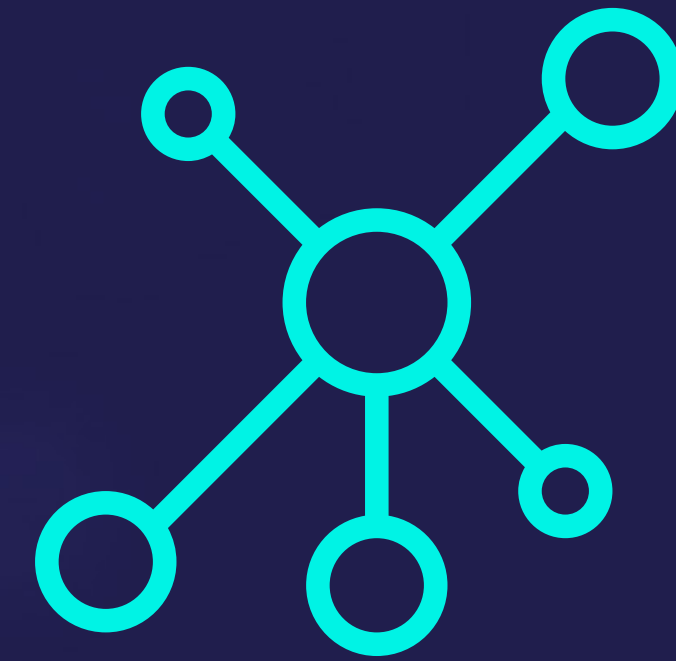




**DEVELOP
PREDICTIVE
CONDITION
ANALYTIC TOOLS**

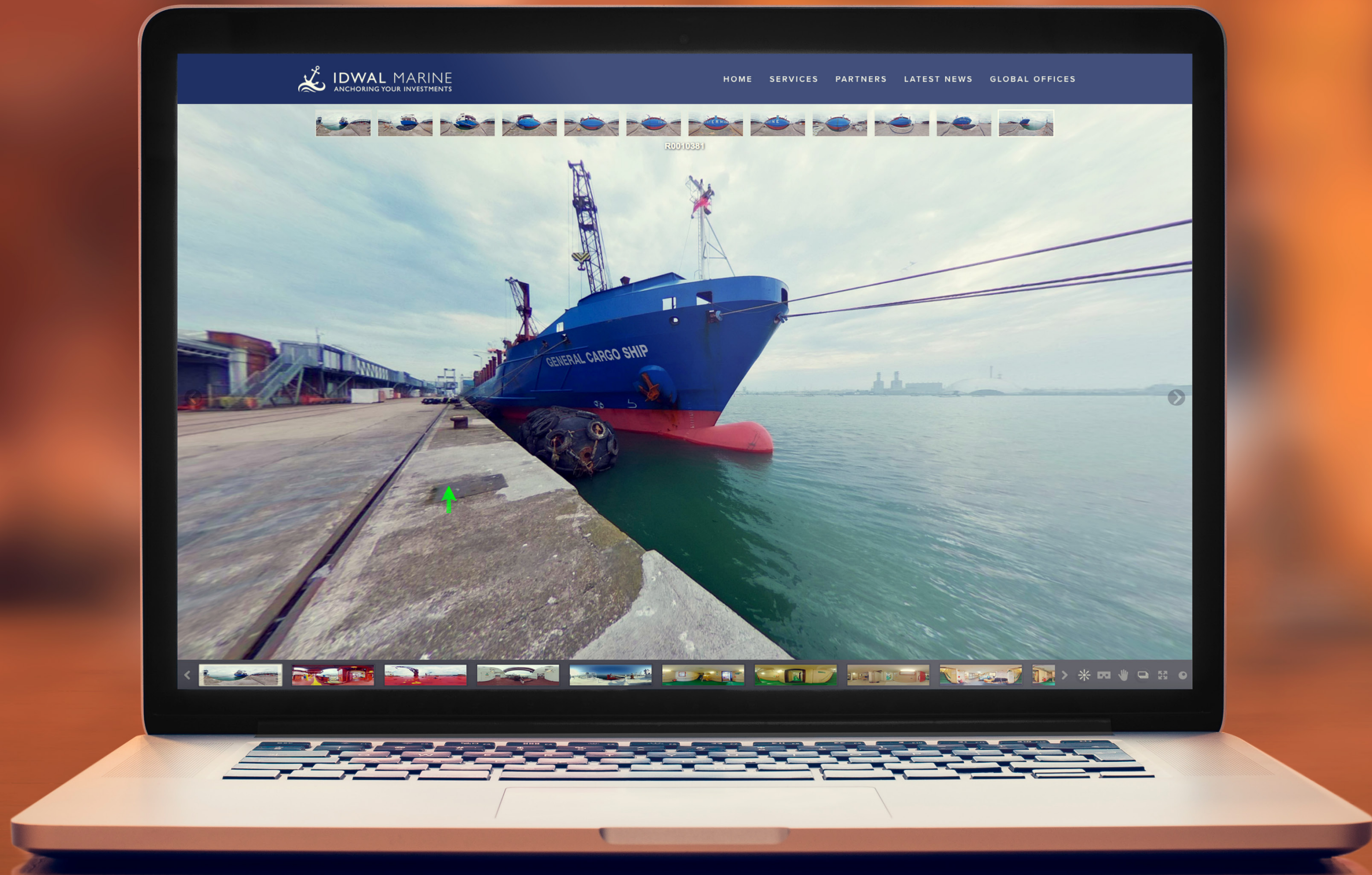


**ENHANCE THE
INSPECTION
PROCESS AND
REPORT QUALITY**



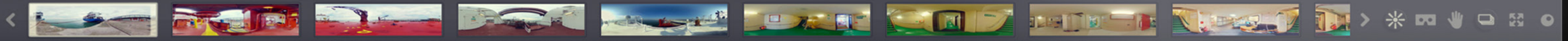
**CONTINUED
COLLABORATIONS
IN THE
INDUSTRY**

IDWAL MARINE[®]
VRi[®]
Virtual Reality Inspections





R0010381



THANK YOU

