



VESSEL
ESG REPORT

WATERCRAFT INDEPENDENCE

IMO Number: 9602644

INSPECTED IN BARRANQUILLA, COLOMBIA
10th JUNE 2023



EXECUTIVE SUMMARY

Overall ESG Grade



As part of a general Condition inspection of the vessel WATERCRAFT INDEPENDENCE in the port of Barranquilla, Colombia, a dedicated onboard Environmental, Social, and Governance (ESG) assessment was also conducted as a supplement to the main report. The overall Idwal ESG Grade was deemed to be good, with an Environmental sub-grade of fair, a Social sub-grade of good, and a Governance sub-grade of good achieved.

It was noted that the vessel had policies that were seen to be in place to reduce the general environmental impact of the vessel, including carbon emissions, such as trialling of alternative fuels and reduced load of machinery in port, however, as per the provided data, the vessel was noted to have a CII score of 7.48 for the year of 2021 which places the vessel in Band E.

The report included crew interviews. These were done privately, and crew reassured that their replies were confidential. The replies and views given were considered to be honest.



ENVIRONMENT



SOCIAL



GOVERNANCE



ABOUT OUR ESG REPORT

This report brings the industry's first insight of ESG status at the vessel level. It is designed to provide you with a deeper understanding of how corporate ESG strategies cascade down to individual ships and how well they are being implemented and adhered to by crew on board.

Understanding how ESG strategies work at vessel level enables you to evaluate:

1. Overall environmental impact and adoption of sustainable practices
2. Regulatory compliance and ability to avoid penalties
3. Reputation and stakeholder relations
4. Specific on-board risks related to climate, labour, and community
5. Overall financial performance and ability to attract investors
6. Competitive advantage and acceptance by customers and partners.



Notable items

	Description	Action / Timeline	Estimated Cost [\$USD]
✘	It was reported that the vessel contained asbestos, but no further information regarding this was provided.	Further investigation is recommended.	\$5,000 - \$20,000
✘	As per the provided data the vessel was noted to have a CII score of 7.48 for the year of 2021 which places the vessel in Band E.	The vessel may be required to develop a carbon reduction plan and have it verified by the Recognised Organisation.	\$1,000 - \$5,000
⊖	The vessel was not seen to be assigned with any additional "Green" Class notations.	To be further investigated and consideration given to adding features to meet the requirements of additional "Green" notations.	\$5,000 - \$20,000
⊖	The vessels Oily Water Separator (OWS) was noted to be fitted with a standard 15ppm Oil Content Monitor (OCM).	Consideration to be given to the installation of a 5ppm unit.	\$5,000 - \$20,000
⊖	The vessel was not seen to have any on-board waste recycling schemes and policies that are not required by law.	To be further investigated and consideration given to implementing such schemes and policies.	\$1,000 - \$5,000
⊖	The vessels last ISPS Audit was stated to have been carried out within the last 12 months, with 0 Major Non-Conformities, 0 Non-Conformities, and 12 Observations recorded. As per crew reports all raised issues have yet to be fully resolved; it was reported that 3 observations were still open at the time of the inspection.	To be further investigated and raised issues resolved as soon as practical.	< \$1,000
✔	Policies were seen to be in place to reduce the general environmental impact of vessel, including carbon emissions, such as trialling of alternative fuels and reduced load of machinery in port.	Positive.	-
✔	The vessel was noted to have free to access and limited use Wi-Fi onboard.	Positive.	-

Environment



The Environment aspect of the vessels ESG Grade was found to be fair overall, with the vessel found to be complying with all statutory requirements relating to pollution control and the marine environment, and the vessel was seen to comply with IMO 2020 regulations by use of low sulphur fuels.

It was reported that the vessel contained asbestos, but no further information regarding this was provided, and this is recommended to be further investigated, but the vessel was reported to be free of the use Ozone Depleting Substances (ODS).

Policies were seen to be in place to reduce the general environmental impact of vessel, including carbon emissions, such as trialling of alternative fuels and reduced load of machinery in port, and it was noted that the vessel was seen to have a shore-side rapid response plan and team for environmental incidents.


As per the Anti-Fouling Certificate the vessel has a Organotin-free self polishing Anti-Fouling coating manufactured by Jotun AS.

Based upon the submitted Class IEE certificate and supplement, the Attained EEXI score was calculated to be 4.26. This Attained EEXI score met the required EEXI of 4.26, and therefore the vessel will not likely require the installation of technologies to reduce the EEXI score, and it was also noted that the vessels 2021 Carbon Intensity Indicator (CII) score was reported to be 7.48, which places the vessel in Band E for this period.


The vessel did not have additional 'Green' Classification Society notations assigned, and the vessels Oily Water Separator (OWS) was noted to be fitted with a standard 15ppm Oil Content Monitor (OCM).

Environmental impact reduction


The following technologies reduce the environmental impact of vessels, including Carbon emissions




Limiting single use plastics




Reduced port machinery load




Low energy lighting




Water use reduction



Garbage compactor



Alternative fuels



Speed Optimisation

How does the vessel comply with IMO 2020 regulations?	Use of VLSFO, MGO, DO, etc.	
Does the vessel have a shore-side rapid response plan and team for environmental incidents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Does the vessel have a Bio-Fouling Management Plan?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date of Last Entry: 19 Apr 2022
Does the vessel use Ozone Depleting Substances (ODS) as Refrigerant Gas?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does it have approved record of ODS equipment?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Does the vessel contain any Asbestos?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	It was reported that the vessel contained asbestos, but no further information regarding this was provided.
Does the vessel have an Asbestos Management Plan in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
What type of anti-fouling coating was applied?	Organotin-free self polishing	
Name of anti-fouling system manufacturer(s)?	Jotun AS	
Does the vessel have an EEXI score as per a Class approved EEXI Technical File?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.26
What were the vessel's CII scores?	2022 gCO2/t.nm 2021 7.48 gCO2/t.nm 2020 gCO2/t.nm	

<p>What energy saving devices is the vessel fitted with?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Air Bubbler / Hull Air Lubrication <input type="checkbox"/> Rudder Bulb <input type="checkbox"/> Wind Assistance <input type="checkbox"/> Pre-Swirl Device e.g. Mewis Duct <input type="checkbox"/> Post-Swirl Device e.g. Boss Cap Fins <input type="checkbox"/> Dual Fuel Engines <input checked="" type="checkbox"/> Engine Power Limiter (EPL) <input type="checkbox"/> Optimised Fuel Economy Device (e.g. Leanmarine) <input type="checkbox"/> Inverter drives for pumps and fan motors <input type="checkbox"/> Cold Ironing / Shore Power Facilities <input type="checkbox"/> Other <input type="checkbox"/> None of the above 		
<p>Does the vessel have a "green" Class notation?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>Is the vessels Oily Water Separator (OWS) fitted with a 5 ppm Oil Content Monitor (OCM)?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	Reportedly not fitted.
<p>Does the vessel have any onboard waste recycling schemes or policies (i.e. scrap metal, old mattresses, sludge etc.) that are not required by law?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>Does the vessel have any policies in place to reduce the general environmental impact of the vessel, including carbon emissions?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Trialling of alternative fuels <input type="checkbox"/> Speed Optimisation <input type="checkbox"/> Use of garbage compactor to limit incinerator usage <input checked="" type="checkbox"/> Reduced load of machinery in port <input type="checkbox"/> Limiting single use plastics <input type="checkbox"/> Low energy lighting <input type="checkbox"/> Water use reduction <input type="checkbox"/> Other <input type="checkbox"/> None of the above 		
<p>Does the vessel use low-environmental impact chemicals for cleaning and maintenance?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Is hull cleaning done regularly to improve efficiency and reduce the spread of invasive marine species?</p>	<p><input checked="" type="checkbox"/> Yes (please select) More than 12 months ago</p> <p><input type="checkbox"/> No</p>	

Does the vessel use any form of Weather Routing service for the purpose of reducing fuel consumption?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Is this an internally or externally provided service?	<input checked="" type="checkbox"/> Internal <input type="checkbox"/> External <input type="checkbox"/> N/A	Provider: Gale Force

Social

The Social aspect of the vessels ESG Grade was deemed to be good overall, with the vessel complying with all minimum statutory requirements relating to crew welfare and onboard working environment.

The average contract length was reported to be 5 months for the vessels Officers and 9 months for the vessels Crew, and as per crew reports, wages have been paid on time as required.

The vessel was noted to have free to access and limited use Wi-Fi onboard which was available to all crew, with it reported that the approximate average internet speed was very slow.

As reported by the crew there was a sufficient quality and variety of food available onboard, and no expired foods were sighted onboard.

It was stated that the crew have access to a minimally stocked bond store, though it was reported that crew were given additional time and resources to celebrate religious and cultural events, such as Christmas or Independence days.

As per discussion with the crew it was generally felt that the appropriate level of support is offered by Senior Officers onboard, a crew suggestion policy was noted to be in place and as per crew reports, additional periods of rest were given throughout the working week.

Crew welfare on board

The following factors are important to ensuring good on board crew welfare



Free on board WiFi



Food / catering available 24/7



Sport & fitness facilities



Recreational equipment



Shore and Ship support



Time off for religious events



Comfortable cabins

What is the average contract length for crew members?	Officers: 5 Crew: 9																			
Have there been any instances, in the last 12 months, where wages have not been paid on time?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
How many of the current crew, within the last 12 months, have had to work beyond their originally agreed contract length?	<input type="checkbox"/> Yes Officers: Crew: <input checked="" type="checkbox"/> No																			
Was Wi-Fi provided onboard?	Yes. Free, Limited																			
What is the approximate average internet speed?	Very slow																			
As per crew reports was there a sufficient quality and variety of food available onboard?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Were any expired foods sighted onboard?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Is access provided to catering facilities at all times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Does the crew have access to a bonded store?	Yes, minimal stock																			
<p>What Public Recreation equipment did the crew have access to?</p> <table border="0"> <tr> <td><input type="checkbox"/> Free Weights</td> <td><input checked="" type="checkbox"/> Television</td> </tr> <tr> <td><input type="checkbox"/> Fixed weight machine</td> <td><input checked="" type="checkbox"/> Games Console</td> </tr> <tr> <td><input checked="" type="checkbox"/> Treadmill</td> <td><input checked="" type="checkbox"/> Karaoke</td> </tr> <tr> <td><input checked="" type="checkbox"/> Cycling machine</td> <td><input checked="" type="checkbox"/> Entertainment Library - books, DVDs, Games</td> </tr> <tr> <td><input type="checkbox"/> Rowing machine</td> <td><input checked="" type="checkbox"/> Musical Instruments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Table Tennis</td> <td><input checked="" type="checkbox"/> Barbecue</td> </tr> <tr> <td><input checked="" type="checkbox"/> Basketball Hoop</td> <td><input checked="" type="checkbox"/> Public Computer</td> </tr> <tr> <td><input checked="" type="checkbox"/> Swimming Pool</td> <td><input type="checkbox"/> En-suite facilities for all crew members</td> </tr> <tr> <td><input type="checkbox"/> Sauna</td> <td></td> </tr> </table>			<input type="checkbox"/> Free Weights	<input checked="" type="checkbox"/> Television	<input type="checkbox"/> Fixed weight machine	<input checked="" type="checkbox"/> Games Console	<input checked="" type="checkbox"/> Treadmill	<input checked="" type="checkbox"/> Karaoke	<input checked="" type="checkbox"/> Cycling machine	<input checked="" type="checkbox"/> Entertainment Library - books, DVDs, Games	<input type="checkbox"/> Rowing machine	<input checked="" type="checkbox"/> Musical Instruments	<input checked="" type="checkbox"/> Table Tennis	<input checked="" type="checkbox"/> Barbecue	<input checked="" type="checkbox"/> Basketball Hoop	<input checked="" type="checkbox"/> Public Computer	<input checked="" type="checkbox"/> Swimming Pool	<input type="checkbox"/> En-suite facilities for all crew members	<input type="checkbox"/> Sauna	
<input type="checkbox"/> Free Weights	<input checked="" type="checkbox"/> Television																			
<input type="checkbox"/> Fixed weight machine	<input checked="" type="checkbox"/> Games Console																			
<input checked="" type="checkbox"/> Treadmill	<input checked="" type="checkbox"/> Karaoke																			
<input checked="" type="checkbox"/> Cycling machine	<input checked="" type="checkbox"/> Entertainment Library - books, DVDs, Games																			
<input type="checkbox"/> Rowing machine	<input checked="" type="checkbox"/> Musical Instruments																			
<input checked="" type="checkbox"/> Table Tennis	<input checked="" type="checkbox"/> Barbecue																			
<input checked="" type="checkbox"/> Basketball Hoop	<input checked="" type="checkbox"/> Public Computer																			
<input checked="" type="checkbox"/> Swimming Pool	<input type="checkbox"/> En-suite facilities for all crew members																			
<input type="checkbox"/> Sauna																				
What was the quality of crew recreation facilities?	Good																			
Are crew given time and resources to celebrate religious or cultural events (i.e. Christmas, Independence days etc.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			

<p>What facilities were provided in the crew cabins?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fridge <input type="checkbox"/> Carpets <input type="checkbox"/> Treadmill <input type="checkbox"/> Television <input type="checkbox"/> Computer <input type="checkbox"/> Double bed <input checked="" type="checkbox"/> Sofa <input checked="" type="checkbox"/> Desk <input checked="" type="checkbox"/> Ample storage 		
<p>Is an easily-accessible crew welfare fund provided for social activities and facilities?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Are crew given additional periods of rest throughout the working week (e.g. Sunday off?)</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Does the vessel have any onboard training facilities?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes <ul style="list-style-type: none"> <input type="checkbox"/> Videotel <input checked="" type="checkbox"/> Seagull <input type="checkbox"/> Maritime Training Services (MTS) <input type="checkbox"/> Marlins <input type="checkbox"/> Other <input type="checkbox"/> No 		
<p>Is there a crew suggestions policy in place?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Do the crew fill in their own hours of work and rest?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Do the crew feel that the appropriate level of support is offered by Senior Officers onboard?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Do the crew feel happy that they are able to maintain their physical and mental health with the facilities provided onboard?</p>	<p>Physical health: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Mental health: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The AHU was reportedly not maintaining a comfortable temperature; it was reported that the vessel was in requirement of refrigerant gas to rectify the issue.</p>

Governance

The Governance aspect of the vessels ESG Grade was deemed to be good overall, with no major governance issues identified or any failure to meet legislation.

The company was seen to have anti-corruption, anti-bribery, discrimination and bullying as well as diversity policies, all of which were seen to be prominently displayed and reportedly adhered to.

It was noted that there is a designated person responsible for Cyber Security onboard, with it reported that the crew had undertaken cyber security awareness training within the last 12 months, and all computer systems were seen to be locked, as required, when left unattended.

The vessel was seen to have a dedicated security citadel with it reported the vessel does not frequently transit piracy risk areas, and the vessel is currently under an IACS member Classification Society.

The vessels last ISPS Audit was stated to have been carried out within the last 12 months, with 0 Major Non-Conformities, 0 Non-Conformities, and 12 Observations recorded, but as per crew reports, all raised issues have yet to be fully resolved; it was reported that 3 observations were still open at the time of the inspection.

The Port State Control (PSC) history was found to be fair with 21 deficiencies and 0 detentions in the 6 inspections conducted in the past three years, but the vessel's flag is not targeted by any Memorandum of Understanding (MoU) or the USCG.

It was reported that the vessels SMS system was regularly reviewed by the Master, with the last review conducted on 2 Dec 2022.

Governance onboard

The following areas are important to ensuring good governance onboard

-  Displayed and adhered to polices
-  Cyber Security
-  ISM and ISPS
-  PSC History
-  Class and Flag

<p>According to the crew which of the below company policies were implemented on the vessel?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Anti-Corruption policy <input checked="" type="checkbox"/> Anti-Bribery Policy <input type="checkbox"/> Dedicated Migrant and Stowaway policy <input checked="" type="checkbox"/> Discrimination and Bullying policy <input checked="" type="checkbox"/> Diversity policy <input type="checkbox"/> Whistleblowing policy <input type="checkbox"/> None of the above 		
<p>Are the selected polices prominently displayed and adhered to?</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A 	
<p>Is there a designated person responsible for Cyber Security onboard?</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 	<p>The Master.</p>
<p>Have the crew undertaken any cyber awareness training in the last 12 months?</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes, in the last 12 months <input type="checkbox"/> Yes, more than 12 months ago <input type="checkbox"/> No 	
<p>Did you observe any computers systems that were unattended but appeared to be logged in?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes For how long <input checked="" type="checkbox"/> No 	
<p>Does the vessel have a dedicated security citadel?</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 	<p>Steering Gear Room.</p>
<p>Does the vessel frequently transit piracy risk areas?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes Area and date of last transit: <input checked="" type="checkbox"/> No 	
<p>Are crew provided with extra remuneration for transiting high risk area?</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 	

<p>What anti-piracy control measures does the vessel implement when transiting risk areas?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Harden the ship <input checked="" type="checkbox"/> Brief and train crew <input checked="" type="checkbox"/> Enhanced lookouts <input checked="" type="checkbox"/> Follow flag state and military guidance <input checked="" type="checkbox"/> Sail with dedicated navy protected convoys <input checked="" type="checkbox"/> Unarmed guards join vessel <input checked="" type="checkbox"/> Armed guards join the vessel <input type="checkbox"/> None of the above 		
<p>When was the last vessel ISM Audit carried out?</p>	<p><input checked="" type="checkbox"/> Within the last 12 months <input type="checkbox"/> More than 12 months ago</p>	
<p>What were the results of the last ISM Audit?</p>	<p>Number of Major Non-Conformities: 0 Details: Number of Non-Conformities: 0 Number of Observations: 1</p>	
<p>Have all raised issues from the last ISM Audit been fully resolved?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	
<p>When was the last ISPS Audit carried out?</p>	<p><input checked="" type="checkbox"/> Within the last 12 months <input type="checkbox"/> More than 12 months ago</p>	
<p>What were the results of the last ISPS Audit?</p>	<p>Number of Major Non-Conformities: 0 Details: Number of Non-Conformities: 0 Number of Observations: 12</p>	
<p>Have all raised issues from the last ISPS Audit been fully resolved?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A</p>	<p>It was reported that 9 observations out of the 12 at the last ISPS audit had been closed, but it was reported that 3 were still open at the time of the inspection.</p>
<p>Is the SMS system regularly reviewed by the Master?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>02 Dec 2022</p>
<p>Is the vessels current Classification Society an IACS Member?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	

Is the vessel flag targeted by Port State Authorities?	<input type="checkbox"/> Yes Paris MOU: <input type="checkbox"/> Grey <input type="checkbox"/> Black Tokyo MOU: <input type="checkbox"/> Grey <input type="checkbox"/> Black USCG: <input type="checkbox"/> Targeted <input checked="" type="checkbox"/> No
Port State Control (PSC) inspection history:	No. of Inspections in Past three years: 6 No. of Deficiencies in Past three years: 21 No. of Detentions in Past three years: 0