



YCM Eco Chart

Résolument engagé depuis de nombreuses années dans une démarche environnementale, le Yacht Club de Monaco, soutenu par le Gouvernement Princier à travers la Mission Transition Énergétique, est heureux de vous présenter son ECO CHARTE.

Rédigée en collaboration avec les Capitaines de Superyachts du Captains' Club du Y.C.M et Claire Ferandier Sicard experte en actions environnementales à bord des yachts cette éco charte a pour ambition de répondre à un objectif commun : accompagner les équipages de Yachts dans la réduction de leur impact environnemental dans le respect des nécessités et des besoins du yachting moderne.

L'ECO CHARTE est classée en 2 catégories qui répondent aux besoins et à l'utilisation de chaque yacht :

-40 mètres

+40 mètres

"Nobody made a greater mistake than he who did nothing because he could do only a little"

Edmund Burke



-40 METRE YACHTS-

ECO CHART

1. MANAGE AND REDUCE MY WASTES

- a. Each time I arrive in a port, I inquire about their waste reception areas.
- b. I sort my waste and throw it in the appropriate bins.
- c. I reduce and avoid single use plastic.
- d. I throw my liquid waste such as engine oil, maintenance, liquid, in the appropriate bins.
- e. I reduce food waste and do not throw it overboard.
- f. I discharge my wastewater in restricted area.
- g. I use ecological treatments for my tanks.
- h. If possible, I equip my washing machines with microfiber filters to reduce microplastic pollution.

2. Preserve Fauna and Flora

- i. I reduce waves near the coast so as not to disturb aquatic fauna and flora & I find out about Citizen Science Projects in the area where I plan to go (such as Pelagos in the Mediterranean Sea).
- j. I anchor with care and whenever available use an eco-responsible mooring or ecological anchor to protect seabed.
- k. I properly maintain engines, generators, hull and propellers to ensure optimum efficiency and reduce pollution risks.
- l. I use ecological anti-fouling for hull maintenance to optimize my consumption and not participate in the movement of invasive species.
- m. I do not take any marine species during my sea trips & I find out about any fishing restriction rules in the area where I will be going.
- n. I use zero impact/fully biodegradable cleaning and personal hygiene products.



3. Say NO to plastic

- a. Reduce and avoid all plastic such as straws, bottled water, containers and packaging. Green Your Galley (glass containers, wooden utensils, cloth napkins, green cleaning products). Efficient galley provisioning and organization can minimize waste for crew and guest areas.

4. Reduce consumption

- a. I turn off lights and equipment when not in use.
- b. When possible, I run the washing machine with a quick wash cycle and low temperature (30°C).
- c. I moderate the air conditioning/heating.
- d. I reduce my water consumption during the wash down.

5. Be ethical and responsible

- a. Respect and preserve the marine environment (leave no traces behind you).
- b. Buy local products for a lower carbon footprint supply chain and with as little packaging as possible.
- c. When possible, I take a moment to collect the waste that I find at sea.
- d. Donate unwanted food, towels, linen, uniform and equipment to local charities.

6. Inform and Educate

- a. Help owners & guests understand the challenges and our responsibility to protect the marine environment.
- b. Be informed and train your crew with our NEW YCM LBCA training course on responsible practices <https://labelleclasseacademy.com/course-category/etyc-training/>



+40 METRE YACHTS

ECO CHART BY CAPTAINS OF THE CAPTAINS CLUB

7. Prevent marine pollution

- a. All yachts, including yachts exempted by size, should comply with MARPOL IV sewage discharge regulations, and avoid discharging sewage at anchor or close inshore.
- b. Avoid discharging grey water at anchor or close inshore.
- c. Avoid using high sulfur fuel due to sulfur oxides, which can cause acid rain and particulate pollution.
- d. Use environmentally friendly cleaning products.

8. Save natural resources and reduce waste

- a. Use water carefully and conscientiously, use a spray gun water hose pipe.
- b. Donate unwanted food, towels, linen, clothing and equipment to local charities and associations.
- c. Always compact and sort waste to MARPOL V Garbage regulations or as per local marina/port rules.
- d. Try to buy local products for a lower carbon footprint supply chain, and with as little packaging as possible (reducing the waste at the end).

9. Say NO to plastic

- a. Reduce and avoid all plastic such as straws, bottled water, containers, and packaging. Green Your Galley (glass containers, wooden utensils, cloth napkins, green cleaning products). Efficient galley provisioning and organization can minimize waste for crew and guest areas.

10. Reduce energy consumption

- a. Promote the use of more efficient and cleaner technologies such as catalytic converters.
- b. Optimize speed and use weather forecasts and weather routing to reduce consumption and hull noise, reducing waves so as not to disturb aquatic fauna & flora.
- c. Turn off lights and equipment when not in use to reduce electrical consumption.



- d. Properly maintain engines, generators, hull and propellers to ensure optimum efficiency (eg. by using antifouling: propeller efficiency and performance of the keel).
- e. Use when possible a water maker at sea.
- f. Calculate your CO2 emissions and obtain a certificate www.sea-index.com
- g. Upgrade and optimize existing systems for co-generation and power saving units (as frequency converters on electric motors and so on).
- h. As is done for safety, give the crew consumption-reducing instructions (closing doors, lights off in unused rooms, do not leave water running unless necessary, optimize transport to / from the ship...).

11. Preservation of fauna and flora

- a. Use zero impact/fully biodegradable cleaning and personal hygiene products.
- b. Equip yachts with technologies such as REPCET for cetaceans' collision avoidance.
- c. Always anchor with care and whenever available use eco-responsible mooring systems or Dynamic Positioning to protect the seabed.

12. Be ethical and responsible

- a. Respect and preserve the marine environment (leave no traces behind you).
- b. Participate and encourage actions to mitigate our impact e.g. cleaning beaches.
- c. Develop systems to know the vessel's energy consumption in order to raise awareness.

13. Inform and educate

- a. Help owners & guests understand the challenges and our responsibility to protect the marine environment.
- b. Be informed and train your crew with our NEW YCM LBCA training course on responsible practices <https://labelleclasseacademy.com/course-category/etyc-training/>

14. Collaborate and share

- a. Share information and ideas with other Captains through the Captains Club.
- b. Share your superyacht's technical data (on a confidential basis) to help the SEA INDEX tool to be more precise and expandable, and obtain your SEA INDEX certificate.
- c. Be an ambassador of the Captains Club ECO CHART.



SUPERYACHTS CAPTAINS' COMMENTS

*"Developed by Yacht Club de Monaco and endorsed by IYBA, the **SEA Index** was the first offering in a set of guidelines in eco-friendly new construction and refit methods. **Eco Chart** is a follow-on guide that gives mariners a roadmap to green operations whether they are implementing new technologies or operating older vessels. The practice of these recommendations will help Superyacht Owners and Captains adopt responsible behaviors that enhance their boating experiences and keep an eye toward sustainability. IYBA is proud to stand with the Yacht Club de Monaco in endorsing these practices."*

Mr Paul Flannery Executive Director IYBA (International Yacht Brokers Association USA)

"The awareness of Captains and Owners has tremendously improved in the last few years and we all agree on the objectives to reduce our negative impacts. But future imperatives go even further as our whole industry will be held accountable and its very existence will be jeopardized if we are not able to demonstrate an overall positive impact on our environment. The work that we are conducting with the YCM is not only about mitigation, but also about passing an exam where the next generation will judge our efforts."

Matthias Du Verle M/Y QUEEN AIDA 50m

"As per annex Marpol Chapter 4 no vessel should ever discharge and pollute close to shore. Like for instance vessels in port, at anchor or on a buoy. Also, anchoring close to shore causes damage to sea life, like corals, sea weeds (Posidonia) etc. As said yesterday during the meeting it is our duty as captains to promote respect and protect the environment to leave a better world to the future generations."

Alessandro Flora M/Y CRISTAL LADY 47m

"It is so refreshing to be part of a motivated group of professionals that are taking the ETHOS that we must try to change our present attitude with regards to working in a more ECO-FRIENDLY manner. I know that we would all agree that it is hard enough to make any ECO changes when we are based on Terra Firma and even more difficult when we are floating on the world's oceans and seaways, but with a little initiative from all of us, we can make a difference! Even if it is a small change in our day to day operations, it will make a difference, maybe not right away, but it will help us move forward into the future. I promote what the YCM is doing with the ECO Chart and in making the SEA Index a successful program, along with the assistance of the YCM Captains. Something must be done today to assist in the reduction in the day-to-day pollution that is taking place in our world, and we can make a difference!"

Captain Christopher Gartner S/Y BLACKPEARL 107m



“There were a number of good environmental operational best practices/points raised in this meeting that I had not considered before. Following on from this meeting I would like to see further consolidation of such best practices propagated towards encouraging our maritime sector particularly in yacht operations to actively adopt where feasible. Having such a formative collection of industry environmental best practices would be a great start”.

Adrian Croft M/Y SEA RANGER 78m

“I believe we as Captains have to influence the shipyards not to build yachts without a wastewater treatment system and even without a bilge water separator! We all should use already the experiences existing in the cruise liner industry. There are existing so called multi-functional water treatment systems.”

Captain Ulrich Baer M/Y BEST OFF 33m

“We should all ask for real marine protected areas to be enforced, not to “fake” marine area compliance where there is enough pay and behave like before.”

Captain Dario Savino, M/Y REGINA D'ITALIA 65m

“Always anchor more than 30m of depth when owners request to anchor as close as possible to the shore, we need to force ourselves to raise awareness and educate our guests and owner to protect the seabed”.

Captain Adolfo Oria, ex M/Y EXUMA 50m

“We have also installed a fountain onboard and reusable cups for the crew and the passengers. For a total of 30 persons onboard, it is about 400kg pure plastic of single used bottle / per year saved! We also have onboard a positive reward for the best “green attitude” crew per month to recognize effort made or improvements regarding the environment.”

Captain Sophie Galvagnon, M/Y POLARFRONT 55m

“Clearly it is very important to engage with all crew, owners and guests in this conversation of conserving limited resources. That each and everyone us has a responsibility to limit our energy, food and material consumption. I find when individuals have no responsibility to pay for such costs and especially when it is provided for free, there is the potential for considerable wastage as it is not coming from their own pocket. Engaging on this matter is critical towards making a difference and better environmental citizens.”

Adrian Croft, M/Y SEA RANGER 78m

“We do and recommend to turn off 60% of our equipment when guests are not onboard”.

Thierry Roux M/Y MIMTEE 79m

