

VICTORIA MEKONG

ENVIRONMENTAL COMMITMENT



A GREEN SHIP FOR A GREENER MEKONG

Victoria Mekong (VMK) was conceived as a “green” ship, right from the beginning of the project. From construction to operations, our objective has always been to offer the “greenest” ship experience in the Mekong Delta by implementing best environmental practices.



PLASTIC FREE

All efforts are made to eliminate plastic from the ship including complimentary refillable bottles in the cabins with water stations located on each deck, waste bins lined with washable inserts (no plastic bin bags), no plastic straws, and no plastic bags or containers used for food delivery. Our aim is to become 100% plastic free.



FRESH WATER SYSTEM

The ship is equipped with a fresh water generator that processes river water into both fresh water and drinkable water. In the first phase, the river water is processed through water purification equipment before being stored in the main fresh water tanks to service the entire vessel. In the second phase, the fresh water passes through the Reverse Osmosis and UV Sterilizer Unit before being pumped into the water filling stations.



HOT WATER SYSTEM – SOLAR PANELS

The ship is equipped with two hot water heating systems. Solar panels located on the ship's rooftop deck contribute to a third hot water system. Pump systems and machinery are equipped with backups to ensure that an eventual equipment failure would not affect the operation of the entire ship.



SEWAGE TREATMENT PLAN

The ship is equipped with a Wartsila Hamworthy plant to treat all domestic waste according to the highest environmental protection standards of the international Maritime Organization (IMO). The toilet system evacuates to the black water holding tanks located beneath the lower deck. All grey water from showers, wash basins, floor drains, and washing machines evacuates to the grey water holding tanks which are also located beneath the lower deck. Waste (black and grey) is also treated through this sewage treatment plant.



SPEED

There is a proven link between energy consumption and the speed of a ship. Victoria Mekong navigates at a leisurely pace, 6 knots/hour on average, contributing to low energy consumption and low impact on the river banks. This allows passengers to fully enjoy the scenery and the on-going “live show” of activity along the river. The two main engines and two generators (Caterpillar C18 ACERT marine propulsion engine with ratings for recreational applications that meet U.S. EPA Tier 3, IMO II, and EU Stage IIIA Regulations) incorporate the latest core engine system innovations to provide maximum benefits in power density, performance, emissions, and fuel efficiency.



A/C

VMK is equipped with a high-quality marine A/C system, with autonomous in-room control. Passengers can opt not to use the A/C and are offered mosquito nets to place on their windows, should they choose to keep them open at night.



ENGINES EMISSIONS CONTROL AND SOUNDPROOFING

The ship is equipped with a wet exhaust muffler system to cool down and filter the emissions from all engines before discharging them and to suppress vibrations and disturbances from the engines.